

<b>Laboratory</b>	<b>Geo-Chem Laboratories (P) Ltd., Pragati Building, Near Crompton Greaves, Kanjur Marg (E), Mumbai, Maharashtra</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. FOODS AND AGRICULTURAL PRODUCTS</b>				
<b>1</b>	<b>Cereals and Pulses Whole &amp; Ground</b>	1000 Kernel Weight	IS 4333 (Part 4) -2002 RA 2009	1 – 10 gm
		Total Ash	GAFTA 12 : 0 – 2003 DGHS Manual 3.0-8.3	0.1 – 10 %
		Ergot	IS 8184 - 1976 (RA 2010) DGHS Manual 3 - 4.0	Presence / Absence
		Shrivelled/Shrunken, Broken (2mm sieve)	IS 4333 (Part1) – 1996 (RA 2009) DGHS Manual 3.0-1.1	0 – 2.0 %
		Insect / Weevilled Damaged	IS 4333 (Part1) - 1996 (RA 2009) DGHS Manual 3.01.1	0 – 15 %
		Damaged and Discoloured	IS 4333 (Part1) – 1996 (RA 2009) ISO 7301-2011 DGHS Manual 3.0-1.1	0 – 10 %
		Foreign Matter / Admixture	IS 4333 (Part1) – 1996 (RA 2009) ISO 7301-2011 DGHS manual 3-.1.2.1	0 – 10 %
		Other Food/ Edible grains	IS 4333 (Part1) – 1996 (RA 2009) DGHS Manual 3.0-1.1	0 – 10 %

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	<b>Cereals and Pulses Whole &amp; Ground</b>	Refractions as other than foreign matter	DGHS Manual 3 - 1.1.2.3 DGHS Manual 3.0-1.1	0 – 3.0 %
		Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Total Aflatoxin	AOAC 972.26 19 <sup>th</sup> edition GAFTA 24.2	0.5 – 1000 µg/kg
		Broken (Rice)	IS 4333 (Part1) – 1996 (RA 2009) ISO 7301 – 2011	0 – 35 %
		Chalky kernels	IS 4333 (Part1) – 1996 (RA 2009) ISO 7301 – 2011	0 – 20 %
		Red-Streaked Kernels	IS 4333 (Part1) – 1996 RA 2009 ISO 7301 – 2011	0 – 1 %
		Uric Acid	IS 4333 (P V) – 1970 (RA 2010)	1 – 200 mg/kg
		Pecks	IS 4333 (P1) – 1996 RA 2009 ISO 7301 –2011	0 – 1 %
		Immature Kernels	IS 4333 (P1) – 1996 RA 2009 ISO 7301 –2011	0 – 1 %



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	<b>Cereals and Pulses Whole &amp; Ground</b>	Alcoholic Acidity/ Acidity/Alcoholic acidity (as H <sub>2</sub> SO <sub>4</sub> ) in 90% Alcohol	IS 1155 – 1968 (RA 2010) IS 1009 – 1979 (RA 2010) DGHS manual 3 - 8.6	0.1 – 1 %
		Acid Insoluble ash	IS 1155 – 1968 (RA 2010) GAFTA 13.0 – 2003 DGHS manual 3.0 – 8.4	0.1 – 21 %
		Detection of Kesari Dal	DGHS manual 3 – 11.0	Presence / Absence
		Presence of Talc	DGHS manual 3 - 12.0	0.01 – 0.05 %
		Starch contents	IS 4706 (P 2) -1978 (RA 2010)	40 – 80 %
		Crude Fibre	GAFTA 10.0 – 2005 DGHS manual 3 - 8.9	2 – 10 %
		Red Strip kernels	IS 4333 (Part I) 1996 (RA 2009) ISO 7301 2011	0 – 1 %
		Red Kernels	IS 4333 (Part I) 1996 (RA 2009) ISO 7301 2011	0 – 1 %
		Unshelled Kernels	IS 4333 (Part I) 1996 (RA 2009) ISO 7301 2011	0 – 1 %
		Metallic foreign mater	IS 4333 (Part I) 1996 (RA 2009)	0 – 0.1 %
	Foreign & oil-breeding crops & admixture	IS 4333 (Part I) 1996 (RA 2009)	0 – 10 %	

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2	<b>Sugar and by Products</b>	Density in degrees Brix at 27.5°C	IS 1162-1958 RA 2009	75 – 95
		Moisture	GS 2 / 1 / 3 – 15 Icumsa – 2000	0.01 – 25 %
		Polarization Value	IS 5982 – 1970	97 – 99.99°
		Icumsa colour	GS 2 / 3 – 9 Icumsa – 2000 GS 9 / 1 / 2 / 3 – 8 Icumsa – 2000 GS 1 – 7 – 1994 Icumsa – 2000 GS 2 / 3 – 10 Icumsa – 2000	1 – 50 51 – 100 101 – 150 IU & Above 500 – 2000 2000 – 13000
3	<b>Animal Feeds - Fish Meal, Meat meal as live stock ingredient and all other type of animal products</b>	Moisture	IS 7874 (P 1) – 1975 (RA 2009) GAFTA 2 : 1 – 2005	2 – 15 %
		Crude Protein	GAFTA 4 : 0 – 2003 IS 7874 – (P1) – 1975 (RA 2009)	5 – 70 %
		Crude Fat	GAFTA 3 : 0 – 2003 IS 7874 (P1) – 1975 RA 2009	1 – 15 %
		Acid insoluble ash	GAFTA 13 : 0 – 2003 IS 7874 (P 1) – 1975 RA 2009	0.1 – 21 %
4	<b>Soyabean Meal, Maize Gluten Meal, Rapeseed Meal, Sunflower Meal, and all oil cakes Soyabean</b>	Moisture	GAFTA 2 : 1 – 2005 IS 7874 (Part 1) - 1975 RA 2009 ISO 6496 – 1999	4 – 25 %

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	<b>Meal, Maize Gluten Meal, Rapeseed Meal, Sunflower Meal, and all oil cakes</b>	Crude Protein	GAFTA 4 : 0 – 2003 IS 7874 (Part 1) - 1975RA 2009 IS 1485 -1993 (R –2010) ISO 5983-2 2009	10 – 65 %
		Crude Fibre	GAFTA 10 : 0 – 2005 IS 7874 (Part 1) - 1975 RA 2009	0.5 – 40 %
		Urease activity	GAFTA 27 : 0 – 2003	0.04 – 2 mg N /gm/min @ 30° C
		Fat Content / Crude Fat	GAFTA 3 : 0 – 2003 IS 7874 (Part 1) - 1975RA 2009	0.5 – 7 %
		Acid insoluble ash	GAFTA 13 : 0 – 2003 IS 7874 (Part 1) - 1975RA 2009 ISO 5985- 2002 IS 14826 - 2000 (R 2008)	0.1 – 21 %
		Ash	IS 14827 – 2000 (R 2008) ISO 5984 - 2002 GAFTA 12.0 – 2003	0.1 – 12 %
		Total Aflatoxin	AOAC c. 968.22 19th Ed.	0.5 – 100 µg/kg
		Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	AOAC 19 <sup>th</sup> Ed. 972.26 19th Ed. GAFTA 24.2	0.5 – 100 µg/kg

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	<b>Soyabean Meal, Maize Gluten Meal, Rapeseed Meal, Sunflower Meal, and all oil Cakes</b>	Allyl iso thiocyanate	GAFTA 12.0 – 2003	0.1 – 1.0 %
		Protein Dispersibility Index	AOCS Ba 10 – 65	20 – 70 %
		Nitrogen Solubility Index	AOCS Ba 11 – 65	10 – 30 %
<b>5</b>	<b>Oil Seeds &amp; By products</b>	Damaged & Weevilled seeds / Kernels	IS 3579 – 1966 (RA 2010)	0 – 15%
		Slightly damaged seeds / Kernels	IS 3579 – 1966 (RA 2010)	0 – 15 %
		Shrivelled & immature and dark seeds/ Kernels	IS 3579 – 1966 (RA 2010)	0 – 15 %
		Split or cracked seeds / Split & broken kernels	IS 3579 – 1966 (RA 2010)	0 – 25 %
		Count per ounce	FOSFA – (April) 2001	20 – 200
		Number of Kernels Per 25 gm of material	IS 4427 - 1967 (RA 2010)	20 – 200
		Impurities	IS 3579 – 1966 (RA 2010)	0.1 – 20 %
		Moisture content	IS 3579 - 1966 (RA 2010)	1 – 15 %
		Oil content	IS 3579 – 1966 (RA 2010)	5 – 65 %

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	<b>Oil Seeds &amp; By products</b>	Acid value of extracted oil	IS 3579 - 1966 (RA 2010) AOCS Ae 4 - 52 AOCS Aa 6 - 38 AOCS Ab 5 - 49	0.1 – 20 mg of KOH / gm
		Hull content	IS 7798 - 1975 (R 2010)	1 - 45%
		Aflatoxin B1	AOAC 968.22 19th Edition	0.5 – 100 µg/kg
		Aflatoxin B2	AOAC 970.45 19th Edition	0.5 – 100 µg/kg
		Aflatoxin G1		
		Aflatoxin G2		
		Nooks	IS 3579 - 1966 (R 2010)	0 – 5 %
		Foreign matter	IS 3579 –1966 (R 2010)	0.1 – 20 %
<b>6</b>	<b>Nuts &amp; Nut Products Groundnut kernels, Raisins, Pistachio Nuts, Dates, Dry fruits and Nuts, Beans, Cashew Nuts</b>	Moisture	AOAC 925.40 - 19th Ed. Adopted method IS 3579 -1966	2 – 25 %
		Aflatoxin B1	AOAC 2005.08 (Chapter 49.2.18A) 19th Edition	0.5 – 1000 µg/kg
		Aflatoxin B2	AOAC 968.22 19th Edition	
		Aflatoxin G1	AOAC 970.45 19th Edition	
		Aflatoxin G2		
		Total Aflatoxin		



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7	<b>Oils, Fats, Related products and vegetable oils</b>	Clarity	IS75-1973, IS3448-1984 IS544-1968, IS8361-1977 IS435-1973, IS4277-1975 IS4276-1977, IS3490-1965 IS546-1975, IS543-1968 IS 8323-1977, IS 3491-1965 IS 547-1968, IS 542-1968	Clear/Not clear
		Peroxide value	AOCS Cd 8 – 53 IS 548-(Part 1)-1964 (RA 2010) AOAC 965.33 19th Ed. AOCS Cd 8b – 90 DGHS manual 2 - 37.1 ISO 3960 - 2007	0.1-30 meq of O <sub>2</sub> /kg
		Test for Presence of Rancidity	DGHS manual 2 - 37.0	Present / Absent
		Admixture with other oils	IS 548 (Part 2) -1976(R 2010) DGHS Manual 2 - 14.0, 15.0, 16.0, 18.0, 19.0, 19A.0, 24.0, 25.0, 26.0, 28.0, 29.0, 30.0, 31.0, 32.0	Present / Absent
		Moisture & volatile matter	AOCS Ca 2 c – 25 IS 548 (Part 1) -1964(R 2010) ISO 662 - 1998 DGHS manual 2 - 3.0	0.05 – 1.5 %
		Moisture	AOCS Ca 2e – 84	0.01 – 1.5 %

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	<b>Oils, Fats, Related products and vegetable oils</b>	Moisture	AOCS Ca 2a – 45 IS 548 (Part 1) -1964 (RA 2010)	0.1 – 1.5 %
		Fatty acid composition	IUPAC : 2.301 AOCS Ce 2 – 66 AOCS Ce 1e – 91 DGHS Manual 2 - 20.0 AOAC 969.33 19 th Ed. BF3	5.0 – 100 %
		Fatty acid composition	AOAC 963.22 19 <sup>th</sup> GC Method IS 548 part 3 -1976	5.0 – 100 %
		Free fatty acid	IS 548 (Part 1) -1964 (RA 2010) AOCS Ca 5a – 40 ISO 660 –2009 AOAC 940.28 19th Ed.	0.01 – 5.0 % 5 – 100 %
		Insoluble impurities	AOCS Ca 3 a – 46 IS 548 (Part 1) 1964 (RA 2010) ISO 663 – 2007	0.01 – 1.5 %
		Colour	AOCS Cc 13 e – 92 IS 548 (P1)-1964 (RA 2010) ISO 15305 – 1998	Y Upto – 70.0 R Upto – 70.0 B Upto – 40.0
		Colour Gardner	ASTM D 1544 – 2004 AOCS Td 1a – 64	1 – 18 G
		Refractive index	AOCS Cc 7 – 25 IS 548-(P1)-1964 (RA 2010) AOAC 921.08 19th Ed. DGHS Manual 2 - 5.0	1.4000 – 1.5000

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	<b>Oils, Fats, Related products and vegetable oils</b>	Saponification value	AOCS Cd 3 – 25 IS 548-(P1)-1964 (RA 2010) AOAC 920.160 19th Ed. ASTM D 94-2007 DGHS Manual 2 – 9.0	100 – 290
		Iodine value	AOCS Cd 1 – 25 AOCS Tg 1 a – 64 AOCS Tg 1 – 64 IS 548-(P1)-1964 (RA 2010) ISO 3961 – 2013 AOAC 920.159 19th Ed. AOCS Cd 1d – 92 DGHS Manual 2 – 12.0	0.5 – 200
		Acid Value	AOCS Cd 3 d – 63 IS 548-(P1)-1964 (RA 2010) ISO 660 – 2009 DGHS Manual 2 – 11.0	0.01 – 190 mg KOH / gm
		Unsaponifiable Matter	AOCS Ca 6 a – 40 IS 548-(P1)-1964 (RA 2010) DGHS Manual 2 – 10.0	0.1 – 8.0 %
		Flash point	AOCS Cc 9 a – 48 50 ISO 15267 – 1998 DGHS Manual 2 - 6.1	60 – 360 °C
		Insoluble Bromide	IS 4276 1977 (RA 2010)	0.01 – 0.5 %

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	<b>Oils, Fats, Related products and vegetable oils</b>	Phosphorus content	AOCS Ca 12 – 55 DGHS Manual 2 – 34.0	0.01 – 0.5 %
		Cloud Point	AOCS Cc 6 – 25 DGHS Manual 2 – 17.0	0 – 30 °C
		Bellier Turbidity temperature	IS 548 (Part 2) – 1976 (RA 2010) DGHS Manual 2 - 14.0	10 – 50 °C
		Acetyl value	IS 548 (Part 1) – 1964 (RA 2010)	135 – 150
		Hydroxyl Value	AOCS Cd 13 – 60 IS 548 (Part 1) -1964 (RA 2010) AOAC 965.32 19th Ed.	150 – 170
		Critical Solution temp	IS 435 – 1973 (RA 2010)	1 – 5 °C
		Optical Rotation	IS 435 – 1973 (RA 2010)	+2°C - +6 °C
		Specific gravity	IS 548 (Part 1) -1964 (RA 2010) ISO 6883 – 2007 AOAC 920.212 19th Ed.	0.9000 – 1.0000
		Titre	IS 548 (Part 1) -1964 (RA 2010) AOAC 942.18 19th Ed. AOCS Cc 12 – 59 AOCS Tr 1a – 64 ASTM D 1982 – 85 (2009)	5 – 80 °C

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	<b>Oils, Fats, Related products and vegetable oils</b>	Gardner Break Test (Sediments)	AOCS Ca 10 – 40	0.1 – 1 %.
		Melting Point	IS 548-(P1)-1964 (RA 2010) ISO 6321- 2002 AOCS – Cc 1 – 25 AOCS – Cc 3 – 25 AOAC 920.157 19th Ed. DGHS Manual 2 - 8.0	0 – 90 °C
<b>8</b>	<b>Tea, Coffee, Chicory, Cocoa &amp; its products</b>	Aflatoxin	IS 544 - 1968RA 2009	0.5 – 100 µg/kg
		Iron particle	IS 3633 - 2003 (RA 2008)	1 – 500 mg/kg
		Moisture	IS 13853 – 1994 RA 2009 ISO 1573 –1986	1 – 20 %
		Total ash (ODB)	IS 13854 – 1994 RA 2009 ISO 1575 – 1987	0.2 – 10 %
		Water soluble ash (ODB)	IS 13855 – 1993 RA 2009 ISO 1576 – 1988	30 – 80 %
		Acid insoluble ash (ODB)	IS 13857 – 1993 RA 2009 ISO 1577 – 1987	0.1 – 2.0 %.
		Alkalinity of water Soluble ash (ODB)	IS 13856 – 1993 RA 2009 ISO 1578 - 1975	1 -10 %

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	<b>Tea, Coffee, Chicory, Cocoa &amp; its products</b>	Water extract (ODB)	IS 13862 – 1999 RA 2009 ISO 9768 - 1994	20 – 80 %
		Crude fibre (ODB)	IS 10226 (Part 1) 1982 (RA 2010) ISO 5498 – 1981	10 – 30 %
		Tannins	AOAC 955.35, 19th Ed.	10 – 50 %
		Freedom from Extraneous matter & Impurities	IS 3077 - 1992RA 2009	Present / Absent
		Microscopic Appearance	IS 3077 - 1992RA 2009 IS 612 - 1992RA 2009	Present / Absent
		Solubility in cold water	IS 2791 - 1992RA 2009	Present / Absent
		Solubility in boiling water	IS 2791 - 1992RA 2009	Present / Absent
		Water soluble matter	IS 3077 -1992RA 2009	26 – 35 %
	Petroleum Ether Extract	IS 3077 -1992 RA 2009	2 – 20 %	
<b>9.</b>	<b>Whole and Ground Spieces and Condiments</b>	Freedom from Mould & Insects	IS 1798 – 2010 IS 1907 – 1984RA 2009 IS 1908 – 2008 IS 2447 – 2010 IS 3795 – 2010 IS 3796 – 2011 IS 3797 – 2011 DGHS Manual10.0-2.0	Present / Absent

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	<b>Whole and Ground Spieces and Condiments</b>	Extraneous matter / Inorganic foreign matter / Organic foreign matter / Foreign matter	IS 1797 – 1985 RA 2009 IS 1798 - 2010 IS 1908 - 2008 AGMARK – 1996 DGHS Manual10.0-2.0	0 – 15 %
		Size of Rhiozome / Defective Rhiozome	IS 1908 – 2008	2 – 10 mm
		Very light pieces	IS 1908 – 2008	1 – 15 %
		Light berries / light Seeds	IS 1798 – 2010 ASTA Method 14.0, 4 <sup>th</sup> Ed.	1 – 20 %
		Pinheads	IS 1798 - 2010	0 – 5 %
		Damaged Discoloured & Weevilled seeds & Foreign seeds / Black bored & insect seeds	AGMARK – 1996 DGHS manual10.0-2.0	0 – 20 % 0 – 20 %
		Shrivelled & Immature seeds	AGMARK – 1996	0 – 15 %
		Edible Seeds	IS 1797 – 1985 RA 2009	0 – 10 %
		Empty and malformed capsules	IS 1907 – 1984 RA 2009	0 – 20 %
		Unclipped capsule (Cardmom)	IS 1907 – 1984 RA 2009	0 – 10 %
		Pieces & Percentage of bulbs	IS 3576 – 2010	0 – 10 %

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	<b>Whole and Ground Spieces and Condiments</b>	Loose Seeds	AGMARK - 1996	0 – 40 %
		Broken chillies	AGMARK - 1996	0 – 25 %
		Damaged & Discoloured pods (Chilly)	AGMARK - 1996	0 – 20 %
		Pods without Stalks (Chilly)	AGMARK - 1996	0 – 20 %
		Weight in gm	IS 1907 – 1984 RA 2009	100 – 700 gm
		Lime (Calcium) as CaO	IS 1797 – 1985 RA 2009	0.5 – 20 %
		Moisture	IS 1797 - 1985 RA 2009 ASTA Method 2.0, 4 <sup>th</sup> Ed. AGMARK-1988 ASTA Method 2.1, 4 <sup>th</sup> Ed DGHS Manual10.0-3.0	0.1 – 30 %
		Colour	ASTA 20.1	0 – 150
		Total Ash	IS 1797 - 1985 RA 2009 ASTA Method 3.0, 4 <sup>th</sup> Ed. AGMARK – 1988 DGHS Manual 10.0-4.0	0.1 – 15 %



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	<b>Whole and Ground Spieces and Condiments</b>	Acid Insoluble ash	IS 1797 - 1985 RA 2009 ASTA Method 4.0, 4 <sup>th</sup> Ed. AGMARK – 1988 DGHS Manual 10.0-5.0	0.1 – 2 %
		Non -Volatile ether extract	IS 1797 - 1985 RA 2009 AGMARK – 1988 DGHS Manual10.0-9.0	0.2 – 20 %
		Crude Fibre	IS 1797 - 1985 RA 2009 AGMARK – 1988 DGHS Manual10.0-11.0	1 – 40 %
		Volatile oil content	IS 1797 - 1985 RA 2009 ASTA Method 5.0, 4 <sup>th</sup> Ed. AGMARK – 1988 DGHS Manual10.0-10.0	0.1 – 30 %
		Curcumin Content	IS-10925-1984 (RA 2007) ASTA 1998 18.0, 4 <sup>th</sup> Ed	0.1 – 10 %
		Piperine content	ASTA Method 12.1, 4 <sup>th</sup> Ed	0.1 – 10 %
		Hot water extract	IS 3795 - 2010	0.5 – 60 %
		Aflatoxins B1 Aflatoxins B2 Aflatoxins G1 Aflatoxins G2 Total Aflatoxin	GCLPL/QS/CA/5.4/05 Issue No.: 4, Revision No.: 0 Date – 4/11/2010	0.5 – 1000 µg/kg

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	<b>Whole and Ground Spieces and Condiments</b>	Water soluble ash	IS 1797-1985 RA 2009	0.1 – 2 %
		Cold water soluble extract	IS 1797-1985 RA 2009	5 – 60 %
		Sudan I, Sudan II, Sudan III, Sudan IV	GCLPL/QS/CA/5.4/02 Issue No.: 4, Revision No.: 0 Date – 4/11/2010	2 – 100 mg/kg
		Alcohol soluble extract	IS 1797-1985 RA 2009	0.5 – 6 %
		Starch	IS 4706 (Part 2) -1978 (R 2010)	50 – 70 %
		Test for lead chromate	IS 3576 – 2010	Present / Absent
<b>10</b>	<b>Milk &amp; Dairy Products</b>	Colour / Colour & Appearance / Odour / Body / Texture & Consistency	IS 1166 - 1986 RA 2009 IS 13688 - 1999 (RA 2010) IS 2785 - 1979 (RA 2010)	NA
		Moisture	IS 2785 - 1979 (RA 2010) IS 9584 - 1980 (RA 2010) IS 3508 - 1966RA 2009 IS 3507 - 1966RA 2009 DGHS manual 1 - 9.1.1	0.5 – 80 %
		Milk Protein	IS 7219 - 1973 (R 2010)	0.5 – 50 %





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<b>11</b>	<b>Fish &amp; Fishery Products Meat and meat products</b>	Histamine	Manual of analytical methods for fish & fishery products (Chapter – 24.0) DGHS manual 6 – 1.3	5 – 100 mg/100 gm
		Indole	Manual of analytical methods for fish & fishery products (Chapter – 25.0)	2 – 100 mg/kg
		TVBN	Manual of analytical methods for fish & fishery products (Chapter – 28.0) DGHS manual 6 – 1.2	1 – 200 mg/100gm
		Sulphite as SO <sub>2</sub>	AOAC 19th Ed. 990.28	10 - 500 mg/kg
		Moisture	DGHS MANUAL 6 - 2.2	0.1 – 90 %
		Ash insoluble in dil HCl	DGHS MANUAL 6 - 2.4	0.1 – 2 %
		Sodium chloride	DGHS MANUAL 6 - 2.3	0.1 – 10 %
		Acidity in brine (as citric acid)	DGHS MANUAL 6 - 3.2	0.1 – 0.2 %
		Fat Content	AOAC 19th Ed. 948.015	0.1 – 15 %

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<b>12</b>	<b>Alcoholic Drinks and Beverages</b>	Residue on evaporation	IS 3752 – 2005 RA 2009 IS 7585 – 1995 RA 2009	0.1 – 5 %
		Esters as Ethyl acetate	IS 3752 – 2005 RA 2009	10 – 300 gm/ 100 lit.
		Higher alcohols as amyl alcohol	IS 3752 – 2005 RA 2009	10 – 400 gm / 100 lit
		Aldehydes as acetaldehyde	IS 3752 – 2005 RA 2009	1.0 – 100 gm / 100 lit
		Furfural	IS 3752 – 2005 RA 2009	1.0 – 20 gm /100 lit
		Methyl alcohol	IS 3752 – 2005 RA 2009	1 – 50 gm/100 lit
		Ethyl alcohol content	IS 3752 – 2005 RA 2009 IS 7585 - 1995 (RA 2009)	1.0 – 55 %
		Total ash	IS 3752 – 2005 RA 2009 Official Journal of European Communities Method No. 9 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	0.1 – 1 %
	Volatile acidity as acetic acid	IS 3752 – 2005 RA 2009 IS 7585 – 1995 RA 2009 Official Journal of European Communities Method No. 14 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	1.0 – 200 gm / 100 lit 0.1 – 2 gm/lit	

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	<b>Alcoholic Drinks and Beverages</b>	Total dry extract	IS 3752 – 2005RA 2009 IS 7585 - 1995 RA 2009 Official Journal of European Communities Method No. 4 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	1.0 – 100 gm / lit
		Total acidity as Tartaric acid	IS 3752 – 2005RA 2009 IS 7585 - 1995 RA 2009 Official Journal of European Communities Method No. 13 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	0.1 – 200 gm /100 lit 0.1 – 20 gm /lit
		Fixed Acidity	Official Journal of European Communities Method No. 15 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	1.0 – 100 gm / lit
		Actual Alcoholic strength	Official Journal of European Communities Method No. 3 (EEC) No 000/90 International Methods of Wine Analysis OIV-2012	1.0 – 50 %
		Total alcoholic strength	NZFSA, Wine test Method, Version – 3	1.0 – 50 %

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	<b>Alcoholic Drinks and Beverages</b>	Total Sulphur Dioxide	Official Journal of European Communities Method No. 25 IS 7585 – 1995 RA 2009 International Methods of Wine Analysis OIV-2012	10 – 350 mg / lit.
		Actual Citric acid (Citric Acidity)	International Methods of Wine Analysis OIV-2012	10 – 1000 mg / lit.
<b>13</b>	<b>Carbonated drinks and beverages, soft drinks</b>	Sugar content	IS 2346 - 1992RA 2009	1 – 10 brix
<b>14</b>	<b>Raw &amp; Processed Vegetables and Fruits</b>	Fill of the container Brix	DGHS Manual 5 – 1.3 IS 2860 – 1964 (RA 2008)	80 – 100 % 1 – 95 %
		Sugar (Brix)/acid ratio	DGHS Manual 5 – 1.6 Handbook of Analysis and Quality for Fruits & vegetables products, Ed. 2 <sup>nd</sup> – 2010.	10 – 80
		Acidity (as citric acid, tartaric acid, acetic acid)	IS 2860 – 1964 (RA 2008) DGHS Manual 5 – 2.4	0.1 – 2.0 %
		Drained mass of the can	IS 2860 – 1964 (RA 2008) DGHS Manual 5 – 1.4	45 – 70 %



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	<b>Raw &amp; Processed Vegetables and Fruits</b>	Salt	IS 2860 – 1964 (RA 2008)	0.1 – 3.0 %
		Vaccum in can	IS 2860 – 1964 (RA 2008) DGHS Manual 5 – 1.2	50 – 250 mm
		Total soluble solid	DGHS Manual 5 .0-1.6	0.1 – 80 %
		Fruit juice content	DGHS Manual 5.0-2.11	0.1 – 20 %
		Moisture	DGHS Manual 5.0 -4.0	0.1 – 80 %
		Total sugar	DGHS Manual 5.0-10.0	0.1 – 90 %
		Total ash	DGHS Manual 5.0-11.0	0.1 – 10 %
		Sulphite as SO <sub>2</sub>	AOAC 19th Ed. 990.28	10 – 2000 mg/kg
		Ash insoluble in dil HCl	DGHS Manual 5.0-5.3	0.1 – 1.0 %
		Head space in can	IS 2860 – 1964 DGHS Manual 5 – 1.3	1 – 5 cm
		pH of cut out syrup	IS 2860 – 1964 DGHS Manual 5 – 1.3	1 – 5.0
		Specific gravity	IS 2860 – 1964 (RA 2008)	0.5 – 1.5



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<b>16</b>	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	<b>Pesticides and Antibiotic Residues in Food</b>		
		Aldrin	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1)	0.01 – 1.0 mg/kg
		Chlordane (Cis-Chlordane Trans-Chlordane)	(Issue Date:-21/01/2014) GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630,	0.01 – 1.0 mg/kg
		Chlorothalonil	QuEChERS Method)	0.01 – 1.0 mg/kg
		DDT (all isomers - (o,p-DDT, p,p-DDT, o,p-DDE, p,p-DDE, o,p-DDD, p,p-DDD)		0.01 – 1.0 mg/kg
		Dicofol		0.01 – 1.0 mg/kg
		Dieldrin		0.01 – 1.0 mg/kg
		Endosulphan (all isomers Alpha-Endosulphan, Beta – Endosulphan, Endosulphan Sulphate)		0.01 – 1.0 mg/kg
		Endrin		0.01 – 1.0 mg/kg
		Alpha HCH		0.01 – 1.0 mg/kg
		Beta HCH		0.01 – 1.0 mg/kg
		Delta HCH		0.01 – 1.0 mg/kg
		Deltamethrin		0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Ethofenprox (Etofenprox)	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Fenpropathrin	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Heptachlor Heptachlor Epoxide		0.01 – 1.0 mg/kg
		Lindane		0.01 – 1.0 mg/kg
		Allethrin Bio-Allethrin		0.01 – 1.0 mg/kg
		Bi-Fenthrin		0.01 – 1.0 mg/kg
		Cyfluthrin(Cyfluthrin I, Cyfluthrin II, Cyfluthrin III, Cyfluthrin IV)		0.01 – 1.0 mg/kg
		Cypermethrin (Cypermethrin I, Cypermethrin II, Cypermethrin III, Cypermethrin IV)		0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Fenvalerate & Esfenvalerate (sum of RR & SS isomers)	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Fenvalerate & Esfenvalerate (sum of RS & SR isomers)	GC-ECD, GC-MS/MS, LCMSMS	0.01 – 1.0 mg/kg
		Lambda-cyhalothrin	(AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Permethrin (sum of isomers- Cis-Permethrin Trans-Permethrin)		0.01 – 1.0 mg/kg
		Tau- Fluvalinate1		0.01 – 1.0 mg/kg
		Tau- Fluvalinate2		0.01 – 1.0 mg/kg
		Transfluthrin		0.01 – 1.0 mg/kg
		4-bromo-2-chlorophenol		0.01 – 1.0 mg/kg
		Chlorfenvinphos		0.01 – 1.0 mg/kg
		Chlorpyrifos		0.01 – 1.0 mg/kg
		Chlorpyrifos methyl		0.01 – 1.0 mg/kg
		Diazinon		0.01 – 1.0 mg/kg
		Dichlorvos		0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Dimethoate	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Propiconazole		0.01 – 1.0 mg/kg
		Triazophos	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Metalaxyl		0.01 – 1.0 mg/kg
		Trifloxystrobin		0.01 – 1.0 mg/kg
		Tridimifon		0.01 – 1.0 mg/kg
		Simzine		0.01 – 1.0 mg/kg
		Quinalphos		0.01 – 1.0 mg/kg
		Pendimethalin		0.01 – 1.0 mg/kg
		Phosphamidon		0.01 – 1.0 mg/kg
		Tebuconazole		0.01 – 1.0 mg/kg
		Tridiminol		0.01 – 1.0 mg/kg
		Metalaxyl		0.01 – 1.0 mg/kg
		Penconazole		0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Malathion	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Phosalone		0.01 – 1.0 mg/kg
		Kresoxim methyl	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Profenophos		0.01 – 1.0 mg/kg
		Famoxadone		0.01 – 1.0 mg/kg
		Monocrotophos		0.01 – 1.0 mg/kg
		Difenoconazole		0.01 – 1.0 mg/kg
		Indoxacarb		0.01 – 1.0 mg/kg
		Myclobutanil		0.01 – 1.0 mg/kg
		Fenarimol		0.01 – 1.0 mg/kg
		Carbosulphan		0.01 – 1.0 mg/kg
		Omethoate		0.01 – 1.0 mg/kg
		Buprofezin		0.01 – 1.0 mg/kg
		Methamidophos		0.01 – 1.0 mg/kg
	Azoxystobin	0.01 – 1.0 mg/kg		

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Atrazine	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Etrimphos		0.01 – 1.0 mg/kg
		Hexaconazole	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Bitertinol		0.01 – 1.0 mg/kg
		Flusilzole		0.01 – 1.0 mg/kg
		Carbofuran		0.01 – 1.0 mg/kg
		Diflubenzuron		0.01 – 1.0 mg/kg
		Iprobenphos		0.01 – 1.0 mg/kg
		Acephate		0.01 – 1.0 mg/kg
		Chlorfenvinphos		0.01 – 1.0 mg/kg
		Chlorpyrifos		0.01 – 1.0 mg/kg
		Chlorpyrifos methyl		0.01 – 1.0 mg/kg
		Diazinon		0.01 – 1.0 mg/kg
		Dichlorvos		0.01 – 1.0 mg/kg
		Dimethoate		0.01 – 1.0 mg/kg



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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Omethoate	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Dichlofluanid		0.01 – 1.0 mg/kg
		Edifenphos	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Ethion		0.01 – 1.0 mg/kg
		Etrimfos		0.01 – 1.0 mg/kg
		Fenitrothion		0.01 – 1.0 mg/kg
		Fenthion		0.01 – 1.0 mg/kg
		Fenthion sulfone		0.01 – 1.0 mg/kg
		Fenthion sulfoxide		0.01 – 1.0 mg/kg
		Iprobenphos		0.01 – 1.0 mg/kg
		Malathion		0.01 – 1.0 mg/kg
		Malaoxon		0.01 – 1.0 mg/kg
		Methamidophos		0.01 – 1.0 mg/kg
		Monocrotophos		0.01 – 1.0 mg/kg
		Oxydemeton- methyl		0.01 – 1.0 mg/kg
	Demeton-s-methyl sulfone	0.01 – 1.0 mg/kg		

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Parathion ethyl	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Parathion methyl		0.01 – 1.0 mg/kg
		Paraoxon methyl	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Phenthoate		0.01 – 1.0 mg/kg
		Phorate		0.01 – 1.0 mg/kg
		Phorate sulfone		0.01 – 1.0 mg/kg
		Phorate sulfoxide		0.01 – 1.0 mg/kg
		Phosalone		0.01 – 1.0 mg/kg
		Tetraconazol		0.01 – 1.0 mg/kg
		Phosphamidon		0.01 – 1.0 mg/kg
		Pirimiphos-methyl		0.01 – 1.0 mg/kg
		Profenophos		0.01 – 1.0 mg/kg
		Propetamphos		0.01 – 1.0 mg/kg
		Quinalphos		0.01 – 1.0 mg/kg
		Temephos		0.01 – 1.0 mg/kg
	Thiometon		0.01 – 1.0 mg/kg	

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Triazophos	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1)	0.01 – 1.0 mg/kg
		Flufenzine	(Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Simazine	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52,	0.01 – 1.0 mg/kg
		Benalaxyl (Mix isomers- Benalaxyl-M)	TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Metalaxyl & Metalaxyl- M		0.01 – 1.0 mg/kg
		Oxycarboxin		0.01 – 1.0 mg/kg
		Propanil		0.01 – 1.0 mg/kg
		Bendiocarb		0.01 – 1.0 mg/kg
		Benfuracarb		0.01 – 1.0 mg/kg
		Carbaryl		0.01 – 1.0 mg/kg
		Carbofuran		0.01 – 1.0 mg/kg
		(3-hydroxy-carbofuran)		0.01 – 1.0 mg/kg
		Carbosulfan		0.01 – 1.0 mg/kg
		Dazomet		0.01 – 1.0 mg/kg
	Fenobucarb		0.01 – 1.0 mg/kg	



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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Propiconazole	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Tebuconazole		0.01 – 1.0 mg/kg
		Triadimefon	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Triadiminol		0.01 – 1.0 mg/kg
		Fenamidone		0.01 – 1.0 mg/kg
		Iprodione		0.01 – 1.0 mg/kg
		Famoxadone		0.01 – 1.0 mg/kg
		Captafol		0.01 – 1.0 mg/kg
		Captan		0.01 – 1.0 mg/kg
		Carbendazim		0.01 – 1.0 mg/kg
		Benomyl		0.01 – 1.0 mg/kg
		Thiophanate-methyl		0.01 – 1.0 mg/kg
		Acetamiprid		0.01 – 1.0 mg/kg
		Clothianidin		0.01 – 1.0 mg/kg



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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Fenpyroximate	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Flufenoxuron		0.01 – 1.0 mg/kg
		Azoxystrobin	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Kresoxim methyl		0.01 – 1.0 mg/kg
		Pyraclostrobin		0.01 – 1.0 mg/kg
		Trifloxystrobin		0.01 – 1.0 mg/kg
		Oxyfluorfen		0.01 – 1.0 mg/kg
		Pendimethalin		0.01 – 1.0 mg/kg
		Trifluralin		0.01 – 1.0 mg/kg
		Alachlor		0.01 – 1.0 mg/kg
		Butachlor		0.01 – 1.0 mg/kg
		Carboxin		0.01 – 1.0 mg/kg
		Flufenacet		0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Metolachlor	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Metolachlor-S		
		Novaluron	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Bifenazate		0.01 – 1.0 mg/kg
		Buprofezin		0.01 – 1.0 mg/kg
		Cartap hydrochloride		0.01 – 1.0 mg/kg
		Abamectin (sum of isomers- Avermectin B1a, Avermectin B1b)		0.01 – 1.0 mg/kg
		Diflubenzuron		0.01 – 1.0 mg/kg
		Dithianon		0.01 – 1.0 mg/kg
		Enamectin Benzoate		0.01 – 1.0 mg/kg
		Hexythiazox		0.01 – 1.0 mg/kg
		Propargite		0.01 – 1.0 mg/kg
		Pyriproxyfen		0.01 – 1.0 mg/kg
		Spinosad (sum of Spinosad A, Spinosad D)		0.01 – 1.0 mg/kg
		Spiromesifen		0.01 – 1.0 mg/kg



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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Dodine	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/2014)	0.05-1.0 mg/kg
		Trichlorfon		0.01 – 1.0 mg/kg
		Tricyclazole	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52, TNO method, EPA 3630, QuEChERS Method)	0.01 – 1.0 mg/kg
		Mevinphos		0.01 – 1.0 mg/kg
		Imazanil		0.01 – 1.0 mg/kg
		Fenazaquin		0.01 – 1.0 mg/kg
		Flubendiamide		0.01 – 1.0 mg/kg
		Forchlorfenuron (CPPU)		0.01 – 1.0 mg/kg
		Isoprothiolane		0.01 – 1.0 mg/kg
		Mandipropamid		0.01 – 1.0 mg/kg
		Metribuzin		0.01 – 1.0 mg/kg
		Milbemectin (sum of isomers-MA4+8, 9Z-MA4)		0.01 – 1.0 mg/kg
		Oxadiazon		0.01 – 1.0 mg/kg
	Azimphos methyl		0.01 – 1.0 mg/kg	

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Chlorfenapyr	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1)	0.01 – 1.0 mg/kg
		Chlorantraliprole	(Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Fipronil	GC-ECD, GC-MS/MS, LCMSMS (AOAC 19th Edition 970.52,	0.005 – 0.05 mg/kg
		Fipronil sulfone	TNO method, EPA 3630, QuEChERS Method)	0.005 – 0.05 mg/kg
		Fipronil sulfoxide		0.005 – 0.05 mg/kg
		Dithiocarbamates (Mancozeb, Thiram, Ziram , Propineb, Maneb as CS2)	GCLPL/QS/CRA/5.4/15 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) (UV/Vis Spectrophotometer)	0.05 – 5.0 mg/kg
		Dinocap (sum of dinocap isomer & their corresponding phenols expressed as dinocap including Meptyl Dinocap)	GCLPL/QS/CRA/5.4/38 (Revision No.3 & Issue No.1) (Issue Date:-21/01/2014) LCMSMS	0.01 – 1 mg/kg
		Glufosinate-ammonium MPP Glyphosate AMPA	GCLPL/QS/CRA/5.4/65 (Revision No.1 & Issue No.1) (Issue Date:-03/12/2012) LCMS MS	0.05 – 0.5 mg/kg
		1-Naphthylacetic acid (alphanaphthyl acetic acid) 2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	GCLPL/QS/CRA/5.4/68 (Revision No.4 & Issue No.1) (Issue Date:-21/01/2014) LCMS MS	0.02 – 0.1 mg/kg 0.01 – 1.0 mg/kg

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	6-Benzyl adenine	GCLPL/QS/CRA/5.4/68	0.01 – 1.0 mg/kg
		Azadirachtin	(Revision No.4 & Issue No.1)	0.05 – 0.1 mg/kg
		Chlormequat Chloride (CCC)	(Issue Date:-21/01/2014)	0.01 – 1.0 mg/kg
		Homobrassinolide	LCMS MS	0.01 – 1.0 mg/kg
		Diquat		0.02 – 0.1 mg/kg
		Ethephon		0.5 – 1.0 mg/kg
				1.0 – 2.0 mg/kg
		Gibberellic acid		1 – 2 mg/kg
		Fosetyl-Al (sum fosetyl+ phosphorous acid and their salts, expressed as Fosetyl)		1.0 – 2.0 mg/kg
		Mepiquat Chloride		0.1 – 1.0 mg/kg
		Paraquat		0.01 – 2.0 mg/kg
		Uracil		1.0 – 2.0 mg/kg
		Hydrogen cyanamide (cyanamide including salt expressed as cyanamide)	GCLPL/QS/CRA/5.4/74 (Revision No.0 & Issue No.1) (Issue Date:-12/10/2011) HPLC	0.05 – 0.1 mg/kg 0.1 – 1.0 mg/kg 1 – 2 mg/kg
		Sulphur	GCLPL/QS/CRA5.4/69 (Revision No.1 & Issue No.1) (Issue Date:-03/12/2012) HPLC	0.5 – 1.0 mg/kg
		Cyzofamide	GCLPL/QS/CRA/5.4/06	0.01- 1.0 mg/kg
	Fonicamide	(Revision No.5 & Issue No.1)	0.01- 1.0 mg/kg	
	Chlorantraniliprole	(Issue Date:-21/01/2014)	0.01- 1.0 mg/kg	
	Dinotefuran		0.01- 1.0 mg/kg	
	Chlorobenzilate	GC-MS/MS,	0.01- 1.0 mg/kg	
	Formothion (Determined as dinethoate and its oxygen Analogue and expressed	LC-MS/MS	0.01- 1.0 mg/kg	

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	<b>Fruits &amp; vegetables (Fresh &amp; Processed)</b>	Inorganic bromide (determined and expressed as total bromide from all sources)	GCLPL/QS/CRA/5.4/82 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) GC-ECD	0.025 - 1mg/kg
		Ametoctradin Perchlorate Pyridaben spirodiclofen 4-CPA (4 chlorophenoxy acetic Acid Propamocarb	GCLPL/QS/CRA/5.4/06 (Revision No.5 & Issue No.1) (Issue Date:-21/01/214) GC-MS/MS, LC-MS/MS	0.01- 1.0 mg/kg     0.05- 1.0 mg/kg
17	<b>Fish &amp; Fish Products, Milk &amp; Milk products, Cereals &amp; Pulses</b>	Melamine	GCLPL/QS/CRA/5.4/34 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.1 – 1.0 mg/kg
18	<b>Cereals &amp; Pulses, Nuts &amp; Nut Products</b>	<b>Mycotoxins</b> Aflatoxins (B1, B2, G1 & G2)	GCLPL/QS/CRA/5.4/52 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) LCMSMS	0.05 – 10.0 µg/kg
		T2 Toxin	GCLPL/QS/CRA/5.4/51 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	0.5 – 10.0 µg/kg

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<b>19</b>	<b>Meat and Meat Products, Fish and Fishery Products, Oil &amp; Oil products</b>	Aldrin	GCLPL/QS/CRA/5.4/12 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GC-ECD (TNO method, AOAC 19th Edition )	0.01 – 1.0 mg/kg
		Dieldrin		0.01 – 1.0 mg/kg
		Cis-Chlordane		0.01 – 1.0 mg/kg
		Trans-Chlordane		0.01 – 1.0 mg/kg
		Chlorothalonil		0.01 – 1.0 mg/kg
		4,4-DDT, 2,4-DDD		0.01 – 1.0 mg/kg
		4,4-DDD, 2,4-DDE		
		4,4-DDE, 2,4- DDT		
		Dieldrin (See Aldrin)		
		Endosulphan (All isomers - Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate)		0.01 – 1.0 mg/kg
		Endrin		0.01 – 1.0 mg/kg
		Alpha HCH		0.01 – 1.0 mg/kg
		Beta HCH		0.01 – 1.0 mg/kg
		Delta HCH		0.01 – 1.0 mg/kg
Heptachlor	0.01 – 1.0 mg/kg			
Lindane	0.01 – 1.0 mg/kg			
Parathion	0.01 – 1.0 mg/kg			
Heptachlor Epoxide	0.01 – 1.0 mg/kg			
Pendimethalin	0.01 – 1.0 mg/kg			

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	<b>Meat and Meat Products, Fish and Fishery Products, Oil &amp; Oil products</b>	Clordecon	GCLPL/QS/CRA/5.4/12 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GCMS/MS	10 – 100 µg/kg
		Ethoxyquin	GCLPL/QS/CRA/5.4/76 (Revision No.0 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS	1 – 100 µg/kg
		Methyl mercury	GCLPL/QS/CRA/5.4/75 (Revision No.0 & Issue No.1) (Issue Date:-28/07/2012) GC-ECD	0.1 – 1.0 mg/kg
		Chlorienvinphos (Residues to be measured as alpha and beta isomers ofChlorienvinphos	GCLPL/QS/CRA/5.4/12 Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 0.1mg/kg
		Chlorpyrifos	LC-MS/MS,GCMS/MS, GC-ECD	
		Cypermethrin (sum of isomers) (fat soluble residue)		
		Edifenphos		
	Fenthion (sum of fenthion, its oxygen analogue and their sulphoxides and sulphones expressed as fenthion)	GCLPL/QS/CRA/5.4/12 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)  LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg	

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	<b>Meat and Meat Products, Fish and Fishery Products, Oil &amp; Oil products</b>	Fenvalerate (fat soluble residue)	GCLPL/QS/CRA/5.4/12 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 0.1mg/kg
		Carbendazim		0.01 - 0.1mg/kg
		Benomyl	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)		0.01 - 0.1mg/kg
		Phenthoate		0.01 - 0.1mg/kg
		Fenitrothion		0.01 - 0.1mg/kg
		Carbaryl		0.01 - 0.1mg/kg
		Quinolphos		0.01 - 0.1mg/kg
		Neomycin	GCLPL/QS/CRA/5.4/53 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.78 - 10 µg/kg
		Nalidixic acid	GCLPL/QS/CRA/5.4/59 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.78 - 10 µg/kg
	Chloropromazine	GCLPL/QS/CRA/5.4/87 (Revision No.1 & Issue No.1) (Issue Date:-28/01/2014) LCMS MS	0.78 - 10 µg/kg	

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	<b>Meat and Meat Products, Fish and Fishery Products, Oil &amp; Oil products</b>	Cholchicine	GCLPL/QS/CRA/5.4/88 (Revision No.1 & Issue No.1) LCMS MS	0.78 - 10 µg/kg
		Dapsone	GCLPL/QS/CRA/5.4/89 (Revision No.1 & Issue No.1) (Issue Date:-28/01/2014) LCMS MS	0.78 - 10 µg/kg
		Ronidazole	GCLPL/QS/CRA/5.4/21 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.78 - 10 µg/kg
		Dimetridazole	GCLPL/QS/CRA/5.4/32 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	0.8-10 µg/kg
		Metronidazole	(Issue Date:-28/07/2012)	0.8-10 µg/kg
		Ipronidazole	LCMS MS	0.8-10 µg/kg
		Other Nitronidazoles		0.8-10 µg/kg
		Diethylstibestrol(DES)		0.8-10 µg/kg
		Fluroquinolones		0.8-10 µg/kg



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<b>20</b>	<b>Spices and Condiments (Ground and Whole)</b>	Alpha HCH	GCLPL/QS/CRA/5.4/26 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		Beta HCH		0.01 – 1 mg/kg
		Delta HCH		0.01 – 1 mg/kg
		Lindane	GC-MS/MS & GC-ECD (QuEChERS method & AOAC 19th Edition)	0.01 – 1 mg/kg
		Heptachlor		0.01 – 1 mg/kg
		Heptachlor Epoxide		0.01 – 1 mg/kg
		Aldrin		0.01 – 1 mg/kg
		Dieldrin	GCLPL/QS/CRA/5.4/26 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		Endrin		0.01 – 1 mg/kg
		DDT (all Isomers - 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT	GC-MS/MS & GC-ECD (QuEChERS method & AOAC 19th Edition)	0.01 – 1 mg/kg
Endosulphan (All isomers- Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate)	0.01 – 1 mg/kg			

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	<b>Spices and Condiments (Ground and Whole)</b>	4-Epichlortetracycline	GCLPL/QS/CRA/5.4/81 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) LC-MS/MS	0.01 – 1 mg/kg
		4-Epioxytetracycline		0.01 – 1 mg/kg
		4-Epitetracycline		0.01 – 1 mg/kg
		Chlortetracycline		0.01 – 1 mg/kg
		Oxolinic acid		0.01 – 1 mg/kg
		Oxytetracycline		0.01 – 1 mg/kg
		Tetracycline		0.01 – 1 mg/kg
		Trimethoprim		0.01 – 1 mg/kg
		Sulphur	GCLPL/QS/CRA/5.4/83 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) LC-MS/MS	0.5 – 10 mg/kg
		3,4 Dichloroaniline	GCLPL/QS/CRA/5.4/78 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) LC-MS/MS & GCMS/MS	0.01 – 0.1 mg/kg
	3 OH Carbofuran	0.01 – 0.1 mg/kg		
	Acephate	0.01 – 0.1 mg/kg		
	Acetamiprid	0.01 – 0.1 mg/kg		
	Alachlor	0.01 – 0.1 mg/kg		
	Atrazine	0.01 – 0.1 mg/kg		
	Avermectin B1a	0.01 – 0.1 mg/kg		
	Avermectin B1a	0.01 – 0.1 mg/kg		
	Azimphos Methyl	0.01 – 0.1 mg/kg		

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	<b>Spices and Condiments (Ground and Whole)</b>	Butachlor	GCLPL/QS/CRA/5.4/78	0.01 – 0.1 mg/kg
		Carbaryl	(Revision No.0 & Issue No.1)	0.01 – 0.1 mg/kg
		Carbendazim	(Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Carbofuran	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Carbosulfan		0.01 – 0.1 mg/kg
		Carboxin		0.01 – 0.1 mg/kg
		Chlornatraniliprole		0.01 – 0.1 mg/kg
		Clothianidin		0.01 – 0.1 mg/kg
		Cymoxanil		0.01 – 0.1 mg/kg
		Cyzofamide		0.01 – 0.1 mg/kg
		Diazomate		0.01 – 0.1 mg/kg
		Demeton-S-Methylsulfon		0.01 – 0.1 mg/kg
		Diazinon		0.01 – 0.1 mg/kg
		Dichlorovos		0.01 – 0.1 mg/kg
		Difenoconazole		0.01 – 0.1 mg/kg
		Difenthiuron		0.01 – 0.1 mg/kg
		Diflubenzuron		0.01 – 0.1 mg/kg
		Dimethoate		0.01 – 0.1 mg/kg
		Dimethomorph		0.01 – 0.1 mg/kg
		Dinotefuran		0.01 – 0.1 mg/kg
	Dithianon		0.01 – 0.1 mg/kg	
	Diuron		0.01 – 0.1 mg/kg	
	Edifenphos		0.01 – 0.1 mg/kg	
	Enamectin Benzoate		0.01 – 0.1 mg/kg	
	Ethion		0.01 – 0.1 mg/kg	
	Ethoxyquin		0.01 – 0.1 mg/kg	
	Etrimphos		0.01 – 0.1 mg/kg	
	Fipronil		0.01 – 0.1 mg/kg	
	Fipronil Sulfon		0.01 – 0.1 mg/kg	

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	<b>Spices and Condiments (Ground and Whole)</b>	Fipronil Sulfoxide	GCLPL/QS/CRA/5.4/78	0.01 – 0.1 mg/kg
		Famoxadone	(Revision No.0 & Issue No.1)	0.01 – 0.1 mg/kg
		Fenamidone	(Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Fenamiphos		0.01 – 0.1 mg/kg
		Fenarimol	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Fenazaquin		0.01 – 0.1 mg/kg
		Fenburacarb		0.01 – 0.1 mg/kg
		Fenpyroximate		0.01 – 0.1 mg/kg
		Fenthion		0.01 – 0.1 mg/kg
		Dodine		0.05 – 0.1 mg/kg
		Fenthion Sulfoxide		0.01 – 0.1 mg/kg
		Flonicamide		0.01 – 0.1 mg/kg
		Forchlorfenuron		0.01 – 0.1 mg/kg
		Flubendamide		0.01 – 0.1 mg/kg
		Flufacenate		0.01 – 0.1 mg/kg
		Flufenoxuron		0.01 – 0.1 mg/kg
		Flufenzine		0.01 – 0.1 mg/kg
		Flusilazole		0.01 – 0.1 mg/kg
		Hexaconazole		0.01 – 0.1 mg/kg
		Hexythiazox		0.01 – 0.1 mg/kg
	Imazalil		0.01 – 0.1 mg/kg	
	Imidacloprid		0.01 – 0.1 mg/kg	
	Indoxacarb		0.01 – 0.1 mg/kg	
	Iodosulfuron Methyl		0.01 – 0.1 mg/kg	
	Iprobenphos		0.01 – 0.1 mg/kg	
	Iprovalicarb		0.01 – 0.1 mg/kg	
	Isoprothiolane		0.01 – 0.1 mg/kg	

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	<b>Spices and Condiments (Ground and Whole)</b>	Isoproturon	GCLPL/QS/CRA/5.4/78 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Kresoxym Methyl		0.01 – 0.1 mg/kg
		Linuron		0.01 – 0.1 mg/kg
		Lufenuron	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Malathion		0.01 – 0.1 mg/kg
		Malaoxon		0.01 – 0.1 mg/kg
		Mandipropamid		0.01 – 0.1 mg/kg
		Metalaxyl		0.01 – 0.1 mg/kg
		Metalaxyl-M		0.01 – 0.1 mg/kg
		Metolachlor		0.01 – 0.1 mg/kg
		Metolachlor-S		0.01 – 0.1 mg/kg
		Methamidophos		0.01 – 0.1 mg/kg
		Methomyl		0.01 – 0.1 mg/kg
		Metribuzin		0.01 – 0.1 mg/kg
		Mevinphos		0.01 – 0.1 mg/kg
		Milbemectin A3		0.01 – 0.1 mg/kg
		Milbemectin A4		0.01 – 0.1 mg/kg
		Monocrotophos		0.01 – 0.1 mg/kg
		Myclobutanil		0.01 – 0.1 mg/kg
		Novaluron		0.01 – 0.1 mg/kg
		Omethoate		0.01 – 0.1 mg/kg
		Oxydiazon	0.01 – 0.1 mg/kg	
		Oxycarboxin	0.01 – 0.1 mg/kg	
		Oxydemeton Methyl	0.01 – 0.1 mg/kg	
		Paclobutrazol	0.01 – 0.1 mg/kg	
		Penconazole	0.01 – 0.1 mg/kg	
		Pencycuron	0.01 – 0.1 mg/kg	
	Pendimethalin	0.01 – 0.1 mg/kg		

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	<b>Spices and Condiments (Ground and Whole)</b>	Phenthoate	GCLPL/QS/CRA/5.4/78	0.01 – 0.1 mg/kg
		Phosalone	(Revision No.0 & Issue No.1)	0.01 – 0.1 mg/kg
		Phosphamidon	(Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Primphos Methyl		0.01 – 0.1 mg/kg
		Profenofos	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Propargite		0.01 – 0.1 mg/kg
		Propiconazole		0.01 – 0.1 mg/kg
		Propoxur		0.01 – 0.1 mg/kg
		Pyraclostrobin		0.01 – 0.1 mg/kg
		Quinalfos		0.01 – 0.1 mg/kg
		Simazine		0.01 – 0.1 mg/kg
		Spinosyn A		0.01 – 0.1 mg/kg
		Spinosyn D		0.01 – 0.1 mg/kg
		Spiromesifen		0.01 – 0.1 mg/kg
		Tebuconazole		0.01 – 0.1 mg/kg
		Temephos		0.01 – 0.1 mg/kg
		Thiacloprid		0.01 – 0.1 mg/kg
		Thiamethoxam		0.01 – 0.1 mg/kg
		Thiobencarb		0.01 – 0.1 mg/kg
		Thiodicarb		0.01 – 0.1 mg/kg
	Thiometon		0.01 – 0.1 mg/kg	
	Thiophenate Methyl		0.01 – 0.1 mg/kg	
	Triademefon		0.01 – 0.1 mg/kg	
	Tridemenol		0.01 – 0.1 mg/kg	
	Triazophos		0.01 – 0.1 mg/kg	
	Trichlorfon		0.01 – 0.1 mg/kg	
	Tricyclazole		0.01 – 0.1 mg/kg	
	4,Bromo,2-Chlorophenol		0.01 – 0.1 mg/kg	
	Acephate		0.01 – 0.1 mg/kg	

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	<b>Spices and Condiments (Ground and Whole)</b>	Fenvalerate II	GCLPL/QS/CRA/5.4/78	0.01 – 0.1 mg/kg
		Bendiocarb	(Revision No.0 & Issue No.1)	0.01 – 0.1 mg/kg
		Fluvalinate-Tau-II	(Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Biphenyl		0.01 – 0.1 mg/kg
		Cyfluthrin – I	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Cyfluthrin - III		0.01 – 0.1 mg/kg
		Cis-1,2,3,4 tetrahydroPhthalimide		0.01 – 0.1 mg/kg
		Dichlorvos		0.01 – 0.1 mg/kg
		Cyfluthrin – IV		0.01 – 0.1 mg/kg
		Folpet		0.01 – 0.1 mg/kg
		Cypermethrin-I		0.01 – 0.1 mg/kg
		Methamidaphos		0.01 – 0.1 mg/kg
		Orthophenylphenol		0.01 – 0.1 mg/kg
		Atrazine		0.01 – 0.1 mg/kg
		Cypermethrin-III		0.01 – 0.1 mg/kg
		Benfluralin		0.01 – 0.1 mg/kg
		Chlorpyrifos Methyl		0.01 – 0.1 mg/kg
		Chlorthalonil		0.01 – 0.1 mg/kg
		Cypermethrin-IV		0.01 – 0.1 mg/kg
		Diazinon		0.01 – 0.1 mg/kg
	Hexachlorobenzene		0.01 – 0.1 mg/kg	
	Paraoxon-methyl		0.01 – 0.1 mg/kg	
	Phorate		0.01 – 0.1 mg/kg	
	Propanil		0.01 – 0.1 mg/kg	
	Propetamphos		0.01 – 0.1 mg/kg	
	Trialleth		0.01 – 0.1 mg/kg	
	Trifluralin		0.01 – 0.1 mg/kg	
	Chlorpyrifos		0.01 – 0.1 mg/kg	

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	<b>Spices and Condiments (Ground and Whole)</b>	Dichlorobenzophenon	GCLPL/QS/CRA/5.4/78 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Dicofol		0.01 – 0.1 mg/kg
		Fenitrothion		0.01 – 0.1 mg/kg
		Fipronil	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Malathion		0.01 – 0.1 mg/kg
		Metalaxyl		0.01 – 0.1 mg/kg
		Parathion ethyl		0.01 – 0.1 mg/kg
		Parathion Methyl		0.01 – 0.1 mg/kg
		Pendimethalin		0.01 – 0.1 mg/kg
		Phorate sulfone		0.01 – 0.1 mg/kg
		Phorate Sulphoxide		0.01 – 0.1 mg/kg
		Tetraconazole		0.01 – 0.1 mg/kg
		Transfluthrin		0.01 – 0.1 mg/kg
		Triadimefon		0.01 – 0.1 mg/kg
		Allethrin		0.01 – 0.1 mg/kg
		Bioallethrin		0.01 – 0.1 mg/kg
		Captan		0.01 – 0.1 mg/kg
		Chlordane-CIS		0.01 – 0.1 mg/kg
		Chlordane-TRANS		0.01 – 0.1 mg/kg
		Chlorfenvinphos		0.01 – 0.1 mg/kg
	Fipronil Sulfone	0.01 – 0.1 mg/kg		
	Methoxychlor	0.01 – 0.1 mg/kg		
	Profenofos	0.01 – 0.1 mg/kg		
	Chlorfenapyr	0.01 – 0.1 mg/kg		
	Ethion	0.01 – 0.1 mg/kg		
	Oxyfluorfen	0.01 – 0.1 mg/kg		
	Bifenthrin	0.01 – 0.1 mg/kg		



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	<b>Spices and Condiments (Ground and Whole)</b>	Bromopropylate	GCLPL/QS/CRA/5.4/78	0.01 – 0.1 mg/kg
		Captafol	(Revision No.0 & Issue No.1)	0.01 – 0.1 mg/kg
		Edifenphos	(Issue Date:-24/06/2013)	0.01 – 0.1 mg/kg
		Thenylchlor		0.01 – 0.1 mg/kg
		Fenpropathrin	LC-MS/MS &GCMS/MS	0.01 – 0.1 mg/kg
		Iprodione		0.01 – 0.1 mg/kg
		Lambda-cyhalothrin		0.01 – 0.1 mg/kg
		Permethrin_I		0.01 – 0.1 mg/kg
		Propargite		0.01 – 0.1 mg/kg
		Pyriproxyfen		0.01 – 0.1 mg/kg
		Cyfluthrin II		0.01 – 0.1 mg/kg
		Cypermethrin II		0.01 – 0.1 mg/kg
		Deltamethrin		0.01 – 0.1 mg/kg
		Etofenprox		0.01 – 0.1 mg/kg
		Permethrin_II		0.01 – 0.1 mg/kg
		Propaquizifop		0.01 – 0.1 mg/kg
		Fosetyl-Al		
	Dithiocarbamates		GCLPL/QS/CRA/5.4/15 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) (UV-Spectrophotometer)	
	Capsaicin		GCLPL/QS/CRA/5.4/85 (Revision No.1 & Issue No.1) (Issue Date:-28/01/2014) HPLC	NA

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	<b>Spices and Condiments (Ground and Whole)</b>	Inorganic bromide	GCLPL/QS/CRA/5.4/82 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) GC-ECD	0.025 – 1 mg/kg
		Ocratoxin	GCLPL/QS/CRA/5.4/51 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LC-MSMS	0.0005 – 0.01 mg/kg
<b>21</b>	<b>Bakery &amp; Confectionary Products including Chocolates</b>	<b><u>Organochlorine</u></b>	GCLPL/QS/CRA/5.4/39 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1.0 mg/kg
		Aldrin		0.01 – 1.0 mg/kg
		Cis-Chlordane		0.01 – 1.0 mg/kg
		Trans-Chlordane		
		Chlorthalonil	LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg
		DDT (all isomers 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT)		0.01 – 1.0 mg/kg
		Dicofol		0.01 – 1.0 mg/kg
		Dieldrin		0.01 – 1.0 mg/kg
		Endosulphan (All isomers- Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate)		0.01 – 1.0 mg/kg
		Endrin		0.01 – 1.0 mg/kg
		Alpha HCH, Beta HCH Delta HCH		0.01 – 1.0 mg/kg
		Heptachlor		0.01 – 1.0 mg/kg
		Lindane		0.01 – 1.0 mg/kg

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	<b>Bakery &amp; Confectionary Products including Chocolates</b>	<b><u>Organophosphorus</u></b>	GCLPL/QS/CRA/5.4/39	
		4-bromo-2-chlorophenol	(Revision No.0 & Issue No.1)	0.01 – 1.0 mg/kg
		Acephate	(Issue Date:-01/11/2010)	0.01 – 1.0 mg/kg
		Chlorfenvinphos	LCMS MS, GC-MS/MS & GC-	0.01 – 1.0 mg/kg
		Chlorpyriphos	ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg
		Chlorpyriphos-methyl		0.01 – 1.0 mg/kg
		Diazinon		0.01 – 1.0 mg/kg
		Dichlorvos		0.01 – 1.0 mg/kg
		Dimethoate		0.01 – 1.0 mg/kg
		Ethion		0.01 – 1.0 mg/kg
		Etrimphos		0.01 – 1.0 mg/kg
		Fenitrothion		0.01 – 1.0 mg/kg
		Iprobenphos		0.01 – 1.0 mg/kg
		Malathion		0.01 – 1.0 mg/kg
		Methamidophos		0.01 – 1.0 mg/kg
		Monocrotophos		0.01 – 1.0 mg/kg
		Omethoate		0.01 – 1.0 mg/kg
		Oxydemeton-methy		0.01 – 1.0 mg/kg
		Parathion ethyl		0.01 – 1.0 mg/kg
		Parathion methyl		0.01 – 1.0 mg/kg
	Phorate		0.01 – 1.0 mg/kg	
	Phosalone		0.01 – 1.0 mg/kg	
	Phosphamidon		0.01 – 1.0 mg/kg	
	Profenophos		0.01 – 1.0 mg/kg	
	Quinalphos		0.01 – 1.0 mg/kg	
	Triazophos		0.01 – 1.0 mg/kg	

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	<b>Bakery &amp; Confectionary Products including Chocolates</b>	<b><u>Synthetic Pyrethroids</u></b>	GCLPL/QS/CRA/5.4/39 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg		
		Cyfluthrin(Cyfluthrin I, Cyfluthrin II, Cyfluthrin III, Cyfluthrin IV)				
		Cypermethrin (Cypermethrin I, Cypermethrin II, Cypermethrin III, Cypermethrin IV)				
		Deltamethrin				
		Ethofenprox(Etofenprox)				
		Fenvalerate & Esfenvalerate				
		(sum of RR & SS isomers)				
		Fenvalerate & Esfenvalerate (sum of RS & SR isomers)				
		Lambda-cyhalothrin				
		Permethrin				
		Atrazine				
		Simazine				
		<b><u>Acylamino acid fungicides</u></b>			GCLPL/QS/CRA/5.4/39 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg
		Metalaxyl				
		Carbaryl				
	Carbofuran					
	Carbosulfan					
	Indoxacarb					
	Methomyl	0.01 – 1.0 mg/kg				
	Thiodicarb					

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	<b>Bakery &amp; Confectionary Products including Chocolates</b>	<b><u>Pyrimidines</u></b>		
		Fenarimol	GCLPL/QS/CRA/5.4/39	0.01 – 1.0 mg/kg
		Bitertanol	(Revision No.0 & Issue No.1)	0.01 – 1.0 mg/kg
		Flusilazole	(Issue Date:-01/11/2010)	0.01 – 1.0 mg/kg
		Hexaconazole	LCMS MS, GC-MS/MS & GC-	0.01 – 1.0 mg/kg
		Myclobutanil	ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg
		Penconazole		0.01 – 1.0 mg/kg
		propiconzole		0.01 – 1.0 mg/kg
		Tebuconzole		0.01 – 1.0 mg/kg
		Traidimefon (Incl. Triadimenol)		0.01 – 1.0 mg/kg
	Triadimenol (see Traidimefon)		0.01 – 1.0 mg/kg	
	Difenoconazole		0.01 – 1.0 mg/kg	
		<b><u>Dicarboximides</u></b>		
	captafol		0.01 – 1.0 mg/kg	
	Captan	GCLPL/QS/CRA/5.4/39	0.01 – 1.0 mg/kg	
	Iprodione	(Revision No.0 & Issue No.1)	0.01 – 1.0 mg/kg	
		(Issue Date:-01/11/2010)		
		<b><u>Benzimidazole</u></b>		
	Carbendazim	LCMS MS, GC-MS/MS & GC-	0.01 – 1.0 mg/kg	
	Thiophanate	ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg	
		<b><u>Nicotinoids</u></b>		
	Acetamiprid		0.01 – 1.0 mg/kg	
	Clothianidin		0.01 – 1.0 mg/kg	
	Imidacloprid		0.01 – 1.0 mg/kg	
	Thiacloprid		0.01 – 1.0 mg/kg	
	Thiamethoxam		0.01 – 1.0 mg/kg	

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	<b>Bakery &amp; Confectionary Products including Chocolates</b>	<b><u>Aliphatic Nitrogen fungicides</u></b>	GCLPL/QS/CRA/5.4/39 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1.0 mg/kg		
		Cymoxanil				
		<b><u>Morpholine</u></b>	LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg		
		Dimethomorph				
		<b><u>Natural Product Derivative</u></b>	GCLPL/QS/CRA/5.4/39 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1.0 mg/kg		
		Buprofezin				
		Cartap hydrochloride				
		Emamectin Benzote				
		Spionsad A				
		Spinosad D				
		Abamectin(all isomers- Avermectin B 1a, Avermectin B 1b)				
		<b><u>Substitued Thiourea</u></b>			LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg
		Difenthiuron				
		<b>Others</b>				
		Azoxystrobin				
	Fipronil					
	Flufenoxuron	LCMS MS, GC-MS/MS & GC-ECD (AOAC 19th Edition)	0.01 – 1.0 mg/kg			
	Oxyfluorfen					
	Propargite					
	Fenpyroximate					
	Famoxadone					
	Fenamidone					
	Diflubenzuron					
	Trifloxystrobin	0.01 – 1.0 mg/kg				
	Pyraclostrobin					
	Fenpyroximate					

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<b>22</b>	<b>Sugar and Sugar products</b>	Alpha HCH	GCLPL/QS/CRA/5.4/25 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		Beta HCH		0.01 – 1 mg/kg
		Delta HCH		0.01 – 1 mg/kg
		Lindane		0.01 – 1 mg/kg
		Aldrin	GC-ECD & GC-MS/MS (AOAC 19th Edition & EPA 525.2)	0.01 – 1 mg/kg
		Dieldrin		0.01 – 1 mg/kg
		Endrin		0.01 – 1 mg/kg
		DDT (all isomers 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT)		0.01 – 1 mg/kg
		Endosulphan (All isomers- Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate)		0.01 – 1 mg/kg
<b>23</b>	<b>Tea and Coffee Products</b>	Alpha HCH	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		Beta HCH		0.01 – 1 mg/kg
		Delta HCH		0.01 – 1 mg/kg
		Lindane		0.01 – 1 mg/kg
		Heptachlor	GC-ECD & GC-MS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 – 1 mg/kg
		Heptachlor Epoxide		0.01 – 1 mg/kg
		Aldrin		0.01 – 1 mg/kg
		Dieldrin		0.01 – 1 mg/kg
		Endrin		0.01 – 1 mg/kg
		DDT (all isomers 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT)		0.01 – 1 mg/kg

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	<b>Tea and Coffee Products</b>	Endosulphan (All isomers- Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate)	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) GC-ECD & GC-MS/MS	0.01 - 1 mg/kg
		Parathion methyl	(AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Chlordane (Cis-Chlordane Trans-Chlordane)	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Chlorothalonil		
		Dicofol	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010),	0.01 - 1 mg/kg
		Deltamethrin	GCLPL/QS/CRA/5.4/17 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Ethofenprox (Etofenprox)	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Fenpropathrin		
		Allethrin Bio-Allethrin		0.01 - 1 mg/kg
		Bi-Fenthrin		0.01 - 1 mg/kg



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	<b>Tea and Coffee Products</b>	Cyfluthrin I, Cyfluthrin II, Cyfluthrin III, Cyfluthrin IV	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Cypermethrin (Cypermethrin I, Cypermethrin II, Cypermethrin III, Cypermethrin IV)	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Fenvalerate & Esfenvalerate (sum of RR &SS isomers)		0.01 - 1 mg/kg
		Fenvalerate & Esfenvalerate (sum of RS &SR isomers)		0.01 - 1 mg/kg
		Lambda-cyhalothrin		0.01 - 1 mg/kg
		Permethrin (sum of isomers-Cis-Permethrin Trans-Permethrin)		0.01 - 1 mg/kg
		Tau- Fluvalinate1		0.01 - 1 mg/kg
		Tau- Fluvalinate2		0.01 - 1 mg/kg
		Transfluthrin		0.01 - 1 mg/kg
		4-bromo-2-chlorophenol		0.01 - 1 mg/kg
	Chlorfenvinphos		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Chlorpyrifos	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Chlorpyrifos methyl	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Diazinon	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Propiconazole	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Triazophos		0.01 - 1 mg/kg
		Metalaxyl		0.01 - 1 mg/kg
		Trifloxystrobin		0.01 - 1 mg/kg
		Tridimifon		0.01 - 1 mg/kg
		Simzine		0.01 - 1 mg/kg
		Quinalphos		0.01 - 1 mg/kg
		Pendimethalin		0.01 - 1 mg/kg
		Phosphamidon		0.01 - 1 mg/kg
		Tebuconazole		0.01 - 1 mg/kg
		Tridiminol		0.01 - 1 mg/kg
	Metalaxyl		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Penconazole	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Malathion	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Phosalone	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Kresoxim methyl	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Profenophos		0.01 - 1 mg/kg
		Famoxadone		0.01 - 1 mg/kg
		Monocrotophos		0.01 - 1 mg/kg
		Difenoconazole		0.01 - 1 mg/kg
		Indoxacarb		0.01 - 1 mg/kg
		Myclobutanil		0.01 - 1 mg/kg
		Fenarimol		0.01 - 1 mg/kg
		Carbosulphan		0.01 - 1 mg/kg
		Omethoate		0.01 - 1 mg/kg
	Buprofezin		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Methamidophos	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Azoxystobin	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Atrazine	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Etrimphos	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Hexaconazole		0.01 - 1 mg/kg
		Bitertinol		0.01 - 1 mg/kg
		Flusilzole		0.01 - 1 mg/kg
		Carbofuran		0.01 - 1 mg/kg
		Diflubenzuron		0.01 - 1 mg/kg
		Iprobenphos		0.01 - 1 mg/kg
		Acephate		0.01 - 1 mg/kg
		Diazinon		0.01 - 1 mg/kg
		Dichlorvos		0.01 - 1 mg/kg
	Dimethoate		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Dichlofluanid	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Edifenphos	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Ethion	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Etrimfos	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Fenitrothion		0.01 - 1 mg/kg
		Fenthion		0.01 - 1 mg/kg
		Fenthion sulfone		0.01 - 1 mg/kg
		Fenthion sulfoxide		0.01 - 1 mg/kg
		Iprobenphos		0.01 - 1 mg/kg
		Malaoxon		0.01 - 1 mg/kg
		Oxydemeton- methyl		0.01 - 1 mg/kg
		Demeton-s-methyl sulfone		0.01 - 1 mg/kg
		Parathion ethyl		0.01 - 1 mg/kg
	Parathion methyl		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Paraoxon methyl	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010),	0.01 - 1 mg/kg
		Phenthoate	GCLPL/QS/CRA/5.4/17 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Phorate	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Phorate sulfone		0.01 - 1 mg/kg
		Phorate sulfoxide		0.01 - 1 mg/kg
		Tetraconazol		0.01 - 1 mg/kg
		Pirimiphos-methyl		0.01 - 1 mg/kg
		Profenophos		0.01 - 1 mg/kg
		Propetamphos		0.01 - 1 mg/kg
		Temephos		0.01 - 1 mg/kg
		Thiometon		0.01 - 1 mg/kg
		Flufenzine		0.01 - 1 mg/kg
		Benalaxyl (Mix isomers- Benalaxyl-M)		0.01 - 1 mg/kg
	Oxycarboxin		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Propanil	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Bendiocarb	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Benfuracarb	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Carbaryl	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Carbofuran		0.01 - 1 mg/kg
		(3-hydroxy-carbofuran)		0.01 - 1 mg/kg
		Carbosulfan		0.01 - 1 mg/kg
		Dazomet		0.01 - 1 mg/kg
		Fenobucarb		0.01 - 1 mg/kg
		Indoxacarb (sum of R and S isomers- R-Indoxacarb, S-Indoxacarb)		0.01 - 1 mg/kg
		Iprovalicarb		0.01 - 1 mg/kg
		Methomyl		0.01 - 1 mg/kg
		Propoxur		0.01 - 1 mg/kg

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	<b>Tea and Coffee Products</b>	Thiobencarb	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Thiodicarb	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Fenarimol	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Bitertanol	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Flusilazole		0.01 - 1 mg/kg
		Hexaconazole		0.01 - 1 mg/kg
		Paclobutrazol		0.01 - 1 mg/kg
		Penconazole		0.01 - 1 mg/kg
		Propiconazole		0.01 - 1 mg/kg
		Triadiminol		0.01 - 1 mg/kg
		Fenamidone		0.01 - 1 mg/kg
		Iprodione		0.01 - 1 mg/kg
	Famoxadone		0.01 - 1 mg/kg	



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	<b>Tea and Coffee Products</b>	Captafol	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Captan	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Carbendazim	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Benomyl	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Thiophanate-methyl		0.01 - 1 mg/kg
		Acetamiprid		0.01 - 1 mg/kg
		Clothianidin		0.01 - 1 mg/kg
		Imidacloprid		0.01 - 1 mg/kg
		Thiacloprid		0.01 - 1 mg/kg
		Thiamethoxam		0.01 - 1 mg/kg
		Cymoxanil		0.01 - 1 mg/kg
		Dimethomorph		0.01 - 1 mg/kg
		Tridemorph		0.01 - 1 mg/kg
	Diafenthiuron		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Diuron	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		3,4-dichloroaniline	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Iodosulfuron-methyl	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Isoproturon	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Linuron		0.01 - 1 mg/kg
		Lufenuron		0.01 - 1 mg/kg
		Pencycuron		0.01 - 1 mg/kg
		Fenpyroximate		0.01 - 1 mg/kg
		Flufenoxuron		0.01 - 1 mg/kg
		Azoxystrobin		0.01 - 1 mg/kg
		Pyraclostrobin		0.01 - 1 mg/kg
		Trifloxystrobin		0.01 - 1 mg/kg
		Oxyfluorfen		0.01 - 1 mg/kg
	Pendimethalin		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Trifluralin	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Alachlor	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Butachlor	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Carboxin	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Flufenacet		0.01 - 1 mg/kg
		Metolachlor Metolachlor-S		0.01 - 1 mg/kg
		Novaluron		0.01 - 1 mg/kg
		Bifenazate		0.01 - 1 mg/kg
		Buprofezin		0.01 - 1 mg/kg
		Cartap hydrochloride		0.01 - 1 mg/kg
		Abamectin (sum of isomers- Avermectin B1a, Avermectin B1b)		0.01 - 1 mg/kg
	Diflubenzuron		0.01 - 1 mg/kg	

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	<b>Tea and Coffee Products</b>	Dithianon	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Emamectin Benzoate	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Hexythiazox	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Propargite	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Pyriproxyfen		0.01 - 1 mg/kg
		Spinosad (sum of Spinosad A, Spinosad D)		0.01 - 1 mg/kg
		Spiromesifen		0.01 - 1 mg/kg
		Trichlorfon		0.01 - 1 mg/kg
		Tricyclazole		0.01 - 1 mg/kg
		Mevinphos		0.01 - 1 mg/kg
		Imazanil		0.01 - 1 mg/kg
		Fenazaquin		0.01 - 1 mg/kg
		Dodine		0.05 - 1 mg/kg

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	<b>Tea and Coffee Products</b>	Flubendiamide	GCLPL/QS/CRA/5.4/13 (Revision No.0 & Issue No.1)	0.01 - 1 mg/kg
		Forchlorfenuron (CPPU)	(Issue Date:-01/11/2010), GCLPL/QS/CRA/5.4/17	0.01 - 1 mg/kg
		Isoprothiolane	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 - 1 mg/kg
		Mandipropamid	GCECD, GC-MS/MS, LCMS/MS (AOAC 19th Edition 970.52, EPA 3630)	0.01 - 1 mg/kg
		Metribuzin		0.01 - 1 mg/kg
		Milbemectin (sum of isomers- MA4+8, 9Z-MA4)		0.01 - 1 mg/kg
		Oxadiazon		0.01 - 1 mg/kg
		Azimphos methyl		0.01 - 1 mg/kg
		Chlorfenapyr		0.01 - 1 mg/kg
		Chlorantraliprole		0.01 - 1 mg/kg
		Fipronil		0.01 - 1 mg/kg
		Fipronil sulfone		0.01 - 1 mg/kg
		Fipronil sulfoxide		0.01 - 1 mg/kg

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	<b>Tea and Coffee Products</b>	Glufosinate-ammonium	GCLPL/QS/CRA/5.4/65 (Revision No.1 & Issue No.1)	0.05 - 1 mg/kg
		Glyphosate	(Issue Date:-03/12/2012) LCMS/MS	0.05 - 1 mg/kg
		Ethephon	GCLPL/QS/CRA/5.4/68 (Revision No.4 & Issue No.1) (Issue Date:-21/01/2014) LCMS/MS	0.05 - 1 mg/kg
<b>23</b>	<b>Nuts and Nuts Products (High oil content)</b>	Alpha HCH	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1)	0.01 – 1 mg/kg
		Beta HCH	(Issue Date:-01/11/2010)	0.01 – 1 mg/kg 0.02
		Delta HCH	GC-ECD & GC-MS/MS (AOAC 19th Edition & QuEChERS method)	0.01 – 1 mg/kg
		Lindane		0.01 – 1 mg/kg
		Hexachlorobenzol		0.01 – 1 mg/kg
		Parathion methyl		0.01 – 1 mg/kg
		Fennitrothion		0.01 – 1 mg/kg
		DDT (all isomers 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT)		0.01 – 1 mg/kg

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	<b>Nuts and Nuts Products (High oil content)</b>	Deltamethrin	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
			GC-ECD & GC-MS/MS (AOAC 19th Edition & QuEChERS method)	
		Aflatoxin total	GCLPL/QS/CRA/5.4/52 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.05 – 10 µg/kg
		Inorganic bromide (determined and expressed as total bromide from all sources)	GCLPL/QS/CRA/5.4/82 (Revision No.0 & Issue No.1) (Issue Date:-24/06/2013) GC-ECD	0.025 – 1 mg/kg
		Paraquat Dichloride (Determined as Paraquat cations)	GCLPL/QS/CRA/5.4/68 (Revision No.4 & Issue No.1) (Issue Date:-21/01/2014) LC-MS/MS	0.05 - 0.1mg/kg
		3,4 Dichloroaniline	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		3 OH Carbofuran		0.01 - 0.1mg/kg
		Acephate	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Acetamiprid		0.01 - 0.1mg/kg
	Alachlor		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	Atrazine	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Avermectin B1a		0.01 - 0.1mg/kg
		Avermectin B1b	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Azimpfos Methyl		0.01 - 0.1mg/kg
		Azoxystrobin		0.01 - 0.1mg/kg
		Benalaxyl		0.01 - 0.1mg/kg
		Benfuracarb		0.01 - 0.1mg/kg
		Benomyl		0.01 - 0.1mg/kg
		Bifenazate		0.01 - 0.1mg/kg
		Bitertanol		0.01 - 0.1mg/kg
		Buprofezin		0.01 - 0.1mg/kg
		Butachlor		0.01 - 0.1mg/kg
		Carbaryl		0.01 - 0.1mg/kg
		Carbendazim		0.01 - 0.1mg/kg
	Carbofuran		0.01 - 0.1mg/kg	



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	<b>Nuts and Nuts Products (High oil content)</b>	Carbosulfan	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Carboxin		0.01 - 0.1mg/kg
		Chlornatraniliprole	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Clothianidin		0.01 - 0.1mg/kg
		Cymoxanil		0.01 - 0.1mg/kg
		Cyzofamide		0.01 - 0.1mg/kg
		Diazomate		0.01 - 0.1mg/kg
		Demeton-S-Methylsulfon		0.01 - 0.1mg/kg
		Diazinon		0.01 - 0.1mg/kg
		Dichlorovos		0.01 - 0.1mg/kg
		Difenoconazole		0.01 - 0.1mg/kg
		Difenthiuron		0.01 - 0.1mg/kg
		Diflubenzuron		0.01 - 0.1mg/kg
		Dimethoate		0.01 - 0.1mg/kg
		Dimethomorph		0.01 - 0.1mg/kg
	Dinotefuran		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	Dithianon	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Diuron		0.01 - 0.1mg/kg
		Edifenphos	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Enamectin Benzoate		0.01 - 0.1mg/kg
		Ethion		0.01 - 0.1mg/kg
		Etrimphos		0.01 - 0.1mg/kg
		Fipronil		0.01 - 0.1mg/kg
		Fipronil Sulfon		0.01 - 0.1mg/kg
		Famoxadone		0.01 - 0.1mg/kg
		Fenamidone		0.01 - 0.1mg/kg
		Fenamiphos		0.01 - 0.1mg/kg
		Fenarimol		0.01 - 0.1mg/kg
		Fenazaquin		0.01 - 0.1mg/kg
		Fenburacarb		0.01 - 0.1mg/kg
		Fenpyroximate		0.01 - 0.1mg/kg

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	<b>Nuts and Nuts Products (High oil content)</b>	Fenthion	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Fenthion Sulfoxide		0.01 - 0.1mg/kg
		Flonicamide	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Forchlorfenuron		0.01 - 0.1mg/kg
		Flubendamide		0.01 - 0.1mg/kg
		Flufacenate		0.01 - 0.1mg/kg
		Flufenoxuron		0.01 - 0.1mg/kg
		Flufenzine		0.01 - 0.1mg/kg
		Flusilazole		0.01 - 0.1mg/kg
		Hexaconazole		0.01 - 0.1mg/kg
		Hexythiazox		0.01 - 0.1mg/kg
		Imazalil		0.01 - 0.1mg/kg
		Imidacloprid		0.01 - 0.1mg/kg
		Indoxacarb		0.01 - 0.1mg/kg
	Dodine	0.05 - 0.1mg/kg		

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	<b>Nuts and Nuts Products (High oil content)</b>	Iodosulfuron Methyl	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Iprobenphos		0.01 - 0.1mg/kg
		Iprovalicarb	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Isoprothiolane		0.01 - 0.1mg/kg
		Isoproturon		0.01 - 0.1mg/kg
		Kresoxym Methyl		0.01 - 0.1mg/kg
		Linuron		0.01 - 0.1mg/kg
		Lufenuron		0.01 - 0.1mg/kg
		Malathion		0.01 - 0.1mg/kg
		Malaoxon		0.01 - 0.1mg/kg
		Mandipropamid		0.01 - 0.1mg/kg
		Metalaxyl		0.01 - 0.1mg/kg
		Metalaxyl-M		0.01 - 0.1mg/kg
		Metolachlor		0.01 - 0.1mg/kg
	Metolachlor-S		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	Methamidophos	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Methomyl		0.01 - 0.1mg/kg
		Metribuzin	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Mevinphos		0.01 - 0.1mg/kg
		Milbemectin A3		0.01 - 0.1mg/kg
		Milbemectin A4		0.01 - 0.1mg/kg
		Monocrotophos		0.01 - 0.1mg/kg
		Myclobutanil		0.01 - 0.1mg/kg
		Novaluron		0.01 - 0.1mg/kg
		Omethoate		0.01 - 0.1mg/kg
		Oxydiazon		0.01 - 0.1mg/kg
		Oxycarboxin		0.01 - 0.1mg/kg
		Oxydemeton Methyl		0.01 - 0.1mg/kg
	Paclobutrazol		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	Penconazole	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Pencycuron		0.01 - 0.1mg/kg
		Pendimethalin	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Phenthoate		0.01 - 0.1mg/kg
		Phosalone		0.01 - 0.1mg/kg
		Phosphamidon		0.01 - 0.1mg/kg
		Primphos Methyl		0.01 - 0.1mg/kg
		Profenofos		
		Propargite		0.01 - 0.1mg/kg
		Propiconazole		0.01 - 0.1mg/kg
		Propoxur		0.01 - 0.1mg/kg
		Pyraclostrobin		0.01 - 0.1mg/kg
		Quinalfos		0.01 - 0.1mg/kg
		Simazine		0.01 - 0.1mg/kg
	Spinosyn A		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	Spinosyn D	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Spiromesifen		0.01 - 0.1mg/kg
		Tebuconazole	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Temephos		0.01 - 0.1mg/kg
		Thiacloprid		0.01 - 0.1mg/kg
		Thiamethoxam		0.01 - 0.1mg/kg
		Thiobencarb		0.01 - 0.1mg/kg
		Thiodicarb		0.01 - 0.1mg/kg
		Thiometon		0.01 - 0.1mg/kg
		Thiophenate Methyl		0.01 - 0.1mg/kg
		Triademefon		0.01 - 0.1mg/kg
		Tridemenol		0.01 - 0.1mg/kg
		Triazophos		0.01 - 0.1mg/kg
		Trichlorfon		0.01 - 0.1mg/kg
	Tricyclazole		0.01 - 0.1mg/kg	

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	<b>Nuts and Nuts Products (High oil content)</b>	4,Bromo,2-Chlorophenol	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Fenvalerate II		0.01 - 0.1mg/kg
		Bendiocarb	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Fluvalinate-Tau-II		0.01 - 0.1mg/kg
		Biphenyl		0.01 - 0.1mg/kg
		Cyfluthrin – I		0.01 - 0.1mg/kg
		Cyfluthrin – III		0.01 - 0.1mg/kg
		Cis-1,2,3,4 pthalimide		0.01 - 0.1mg/kg
		Cyfluthrin – IV		0.01 - 0.1mg/kg
		Folpet		0.01 - 0.1mg/kg
		Cypermethrin-I		0.01 - 0.1mg/kg
		Orthophenylphenol		0.01 - 0.1mg/kg
		Cypermethrin-III		0.01 - 0.1mg/kg
		Benfluralin		0.01 - 0.1mg/kg
		Chlorpyrifos Methyl		0.01 - 0.1mg/kg
	Chlorthalonil		0.01 - 0.1mg/kg	



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	<b>Nuts and Nuts Products (High oil content)</b>	Cypermethrin-IV	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Hexachlorobenzene		0.01 - 0.1mg/kg
		Lindane	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Paraoxon-methyl		0.01 - 0.1mg/kg
		Phorate		0.01 - 0.1mg/kg
		Propanil		0.01 - 0.1mg/kg
		Propetamphos		0.01 - 0.1mg/kg
		Triallel		0.01 - 0.1mg/kg
		Trifluralin		0.01 - 0.1mg/kg
		Aldrin		0.01 - 0.1mg/kg
		Chlorpyrifos		0.01 - 0.1mg/kg
		Dichlorobenzophenon		0.01 - 0.1mg/kg
		Dicofol		0.01 - 0.1mg/kg
		Fipronil		0.01 - 0.1mg/kg
		Heptachlor		0.01 - 0.1mg/kg
	Metalaxyl	0.01 - 0.1mg/kg		

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	<b>Nuts and Nuts Products (High oil content)</b>	Pendimethalin	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Phorate sulfone		0.01 - 0.1mg/kg
		Phorate Sulphoxide	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Tetraconazole		0.01 - 0.1mg/kg
		Transfluthrin		0.01 - 0.1mg/kg
		Triadimefon		0.01 - 0.1mg/kg
		Allethrin		0.01 - 0.1mg/kg
		Alpha Endosulfan		0.01 - 0.1mg/kg
		Bioallethrin		0.01 - 0.1mg/kg
		Captan		0.01 - 0.1mg/kg
		Chlordane-CIS		0.01 - 0.1mg/kg
		Chlordane-TRANS		0.01 - 0.1mg/kg
		Chlorfenvinphos		0.01 - 0.1mg/kg
		Fipronil Sulfon		0.01 - 0.1mg/kg
		Heptachlor epoxide		0.01 - 0.1mg/kg
	Methoxychlor	0.01 - 0.1mg/kg		

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**Accreditation Standard**    **ISO/IEC 17025: 2005**

**Discipline**                      **Chemical Testing**                      **Issue Date**    **15.05.2014**

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	<b>Nuts and Nuts Products (High oil content)</b>	Profenofos	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg
		Triadimenol		0.01 - 0.1mg/kg
		Beta Endosulfan	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Buprofezin		0.01 - 0.1mg/kg
		Chlorfenapyr		0.01 - 0.1mg/kg
		Dieldrin		0.01 - 0.1mg/kg
		Endrin		0.01 - 0.1mg/kg
		Oxyfluorfen		0.01 - 0.1mg/kg
		Bifenthrin		0.01 - 0.1mg/kg
		Bromopropylate		0.01 - 0.1mg/kg
		Captafol		0.01 - 0.1mg/kg
		Edifenphos		0.01 - 0.1mg/kg
		Thenylchlor		0.01 - 0.1mg/kg
		Endosulfan-Sulphate		0.01 - 0.1mg/kg
		Fenpropathrin		0.01 - 0.1mg/kg
	Iprodione	0.01 - 0.1mg/kg		

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	<b>Nuts and Nuts Products (High oil content)</b>	Lambda-cyhalothrin	GCLPL/QS/CRA/5.4/48 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 - 0.1mg/kg	
		Permethrin_I		0.01 - 0.1mg/kg	
		Propargite		LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Pyriproxyfen			0.01 - 0.1mg/kg
		Cyfluthrin II			0.01 - 0.1mg/kg
		Cypermethrin II			0.01 - 0.1mg/kg
		Etofenprox			0.01 - 0.1mg/kg
		Fenvalerate-I			0.01 - 0.1mg/kg
		Fluvalinate-tau-I			0.01 - 0.1mg/kg
		Permethrin_II			0.01 - 0.1mg/kg
	Propaquizifop		0.01 - 0.1mg/kg		
<b>26</b>	<b>Cereals and Pulses</b>	Alpha HCH	GCLPL/QS/CRA/5.4/45 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg	
		Beta HCH		0.01 – 1 mg/kg	
		Delta HCH		(AOAC 19th Edition & TNO methods) GC-ECD & GC-MS/MS	0.01 – 1 mg/kg
		Hexachlorobenzol			0.01 – 1 mg/kg
		Parathion methyl		GCLPL/QS/CRA/5.4/45	0.01 – 1 mg/kg

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	<b>Cereals and Pulses</b>	Fenitrothion	(Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		DDT (all isomers 4,4-DDT, 2,4-DDD, 4,4-DDD, 2,4-DDE, 4,4-DDE, 2,4- DDT)	(AOAC 19th Edition & TNO methods) GC-ECD & GC-MS/MS	0.01 – 1 mg/kg
		Deltamethrin		0.01 – 1 mg/kg
		Paraquat Dichloride (Determined as Paraquat cations)	GCLPL/QS/CRA/5.4/68 (Revision No.4 & Issue No.1) (Issue Date:-21/01/2014) LC-MS/MS	0.05 - 0.1mg/kg
		3,4 Dichloroaniline	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		3 Oh Carbofuran	(Revision No.3 & Issue No.1) (Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Acephate		0.01 - 0.1mg/kg
		Acetamiprid	LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		Alachlor		0.01 - 0.1mg/kg
		Atrazine		0.01 - 0.1mg/kg
		AVERMECTIN B1a		0.01 - 0.1mg/kg
		AVERMECTIN B1b		0.01 - 0.1mg/kg
		Azimphos Methyl		0.01 - 0.1mg/kg
		Azoxystrobin		0.01 - 0.1mg/kg
		Benalaxyl		0.01 - 0.1mg/kg
		Benfuracarb		0.01 - 0.1mg/kg
		Benomyl		0.01 - 0.1mg/kg
		Bifenazate		0.01 - 0.1mg/kg
		Bitertanol		0.01 - 0.1mg/kg
		Buprofezin		0.01 - 0.1mg/kg
		Butachlor		0.01 - 0.1mg/kg
		Carbaryl		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Carbendazim	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Carbofuran	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Carbosulfan	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Carboxin	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Chlornatraniliprole	ECD	0.01 - 0.1mg/kg
		Clothianidin		0.01 - 0.1mg/kg
		Cymoxanil		0.01 - 0.1mg/kg
		Cyzofamide		0.01 - 0.1mg/kg
		Diazomate		0.01 - 0.1mg/kg
		Demeton-S-Methylsulfon		0.01 - 0.1mg/kg
		Diazinon		0.01 - 0.1mg/kg
		Dichlorovos		0.01 - 0.1mg/kg
		Difenoconazole		0.01 - 0.1mg/kg
		Difenthiuron		0.01 - 0.1mg/kg
		Diflubenzuron		0.01 - 0.1mg/kg
		Dimethoate		0.01 - 0.1mg/kg
		Dimethomorph		0.01 - 0.1mg/kg
		Dinotefuran		0.01 - 0.1mg/kg
		Dithianon		0.01 - 0.1mg/kg
		Diuron		0.01 - 0.1mg/kg
		Edifenphos		0.01 - 0.1mg/kg
		Emamectin Benzoate		0.01 - 0.1mg/kg
		Ethion		0.01 - 0.1mg/kg
		Ethoxyquin		0.01 - 0.1mg/kg
		Etrimphos		0.01 - 0.1mg/kg
		Fipronil		0.01 - 0.1mg/kg
		Fipronil Sulfon		0.01 - 0.1mg/kg
		Fipronil Sulfoxide		0.01 - 0.1mg/kg
		Famoxadone		0.01 - 0.1mg/kg
		Fenamidone		0.01 - 0.1mg/kg
		Fenamiphos		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Fenarimol	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Fenazaquin	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Fenburacarb	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Fenpyroximate		0.01 - 0.1mg/kg
		Fenthion	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Fenthion Sulfoxide	ECD	0.01 - 0.1mg/kg
		Flonicamide		0.01 - 0.1mg/kg
		Forchlorfenuron		0.01 - 0.1mg/kg
		Flubendamide		0.01 - 0.1mg/kg
		Flufacenate		0.01 - 0.1mg/kg
		Flufenoxuron		0.01 - 0.1mg/kg
		Flufenzine		0.01 - 0.1mg/kg
		Flusilazole		0.01 - 0.1mg/kg
		Hexaconazole		0.01 - 0.1mg/kg
		Hexythiazox		0.01 - 0.1mg/kg
		Imazalil		0.01 - 0.1mg/kg
		Imidacloprid		0.01 - 0.1mg/kg
		Indoxacarb		0.01 - 0.1mg/kg
		Iodosulfuron Methyl		0.01 - 0.1mg/kg
		Dodine		0.05 - 0.1mg/kg
		Iprobenphos		0.01 - 0.1mg/kg
		Iprovalicarb		0.01 - 0.1mg/kg
		Isoprothiolane		0.01 - 0.1mg/kg
		Isoproturon		0.01 - 0.1mg/kg
		Kresoxym Methyl		0.01 - 0.1mg/kg
		Linuron		0.01 - 0.1mg/kg
		Lufenuron		0.01 - 0.1mg/kg
		Malathion		0.01 - 0.1mg/kg
		Malaoxon		0.01 - 0.1mg/kg
		Mandipropamid		0.01 - 0.1mg/kg
		Metalaxyl		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Metalaxyl-M	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Metolachlor	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Metolachlor-S	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Methamidophos		0.01 - 0.1mg/kg
		Methomyl	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Metribuzin	ECD	0.01 - 0.1mg/kg
		Mevinphos		0.01 - 0.1mg/kg
		Milbemectin A3		0.01 - 0.1mg/kg
		Milbemectin A4		0.01 - 0.1mg/kg
		Monocrotophos		0.01 - 0.1mg/kg
		Myclobutanil		0.01 - 0.1mg/kg
		Novaluron		0.01 - 0.1mg/kg
		Omethoate		0.01 - 0.1mg/kg
		Oxydiazon		0.01 - 0.1mg/kg
		Oxycarboxin		0.01 - 0.1mg/kg
		Oxydemeton Methyl		0.01 - 0.1mg/kg
		Paclobutrazol		0.01 - 0.1mg/kg
		Penconazole		0.01 - 0.1mg/kg
		Pencycuron		0.01 - 0.1mg/kg
		Pendimethalin		0.01 - 0.1mg/kg
		Phenthoate		0.01 - 0.1mg/kg
		Phosalone		0.01 - 0.1mg/kg
		Phosphamidon		0.01 - 0.1mg/kg
		Primphos Methyl		0.01 - 0.1mg/kg
		Profenofos		0.01 - 0.1mg/kg
		Propargite		0.01 - 0.1mg/kg
		Propiconazole		0.01 - 0.1mg/kg
		Propoxur		0.01 - 0.1mg/kg
		Pyraclostrobin		0.01 - 0.1mg/kg
		Quinalfos		0.01 - 0.1mg/kg
		Simazine		0.01 - 0.1mg/kg



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	<b>Cereals and Pulses</b>	Spinosyn A		0.01 - 0.1mg/kg
		Spinosyn D	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Spiromesifen	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Tebuconazole	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Temephos		0.01 - 0.1mg/kg
		Thiacloprid	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Thiamethoxam	ECD	0.01 - 0.1mg/kg
		Thiobencarb		0.01 - 0.1mg/kg
		Thiodicarb		0.01 - 0.1mg/kg
		Thiometon		0.01 - 0.1mg/kg
		Thiophenate Methyl		0.01 - 0.1mg/kg
		Triademefon		0.01 - 0.1mg/kg
		Tridemenol		0.01 - 0.1mg/kg
		Triazophos		0.01 - 0.1mg/kg
		Trichlorfon		0.01 - 0.1mg/kg
		Tricyclazole		0.01 - 0.1mg/kg
		Propaquizifop		0.01 - 0.1mg/kg
		4,Bromo,2-Chlorophenol		0.01 - 0.1mg/kg
		Fenvalerate II		0.01 - 0.1mg/kg
		Bendiocarb		0.01 - 0.1mg/kg
		Fluvalinate-Tau-II		0.01 - 0.1mg/kg
		Biphenyl		0.01 - 0.1mg/kg
		Cyfluthrin – I		0.01 - 0.1mg/kg
		Cyfluthrin - III		0.01 - 0.1mg/kg
		Cis-1,2,3,4 tetrahydroPhthalimide		0.01 - 0.1mg/kg
		Cyfluthrin - IV		0.01 - 0.1mg/kg
		Folpet		0.01 - 0.1mg/kg
		Cypermethrin-I		0.01 - 0.1mg/kg
		Orthophenylphenol		0.01 - 0.1mg/kg
		Cypermethrin-III		0.01 - 0.1mg/kg
		Benfluralin		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Chlorpyrifos Methyl	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Chlorthalonil	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Cypermethrin-IV	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Hexachlorobenzene		0.01 - 0.1mg/kg
		Lindane	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Paraoxon-methyl	ECD	0.01 - 0.1mg/kg
		Phorate		0.01 - 0.1mg/kg
		Propanil		0.01 - 0.1mg/kg
		Propetamphos		0.01 - 0.1mg/kg
		Triallat		0.01 - 0.1mg/kg
		Trifluralin		0.01 - 0.1mg/kg
		Aldrin		0.01 - 0.1mg/kg
		Chlorpyrifos		0.01 - 0.1mg/kg
		Dichlorobenzophenon		0.01 - 0.1mg/kg
		Dicofol		0.01 - 0.1mg/kg
		Fipronil		0.01 - 0.1mg/kg
		Heptachlor		0.01 - 0.1mg/kg
		Metalaxyl		0.01 - 0.1mg/kg
		Parathion ethyl		0.01 - 0.1mg/kg
		Pendimethalin		0.01 - 0.1mg/kg
		Phorate sulfone		0.01 - 0.1mg/kg
		Phorate Sulphoxide		0.01 - 0.1mg/kg
		Tetraconazole		0.01 - 0.1mg/kg
		Transfluthrin		0.01 - 0.1mg/kg
		Triadimefon		0.01 - 0.1mg/kg
		Allethrin		0.01 - 0.1mg/kg
		Alpha Endosulfan		0.01 - 0.1mg/kg
		Bioallethrin		0.01 - 0.1mg/kg
		Captan		0.01 - 0.1mg/kg
		Chlordane-CIS		0.01 - 0.1mg/kg
		Chlordane-TRANS		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Chlorfenvinphos	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Fipronil Sulfoxide	(Revision No.3 & Issue No.1)	0.01 - 0.1mg/kg
		Heptachlor epoxide	(Issue Date:-24/06/2013)	0.01 - 0.1mg/kg
		Methoxychlor		0.01 - 0.1mg/kg
		Profenofos	LC-MS/MS,GCMS/MS, GC-	0.01 - 0.1mg/kg
		Triadimenol	ECD	0.01 - 0.1mg/kg
		Beta Endosulfan		0.01 - 0.1mg/kg
		Buprofezin		0.01 - 0.1mg/kg
		Chlorfenapyr		0.01 - 0.1mg/kg
		Dieldrin		0.01 - 0.1mg/kg
		Endrin		0.01 - 0.1mg/kg
		Oxyfluorfen		0.01 - 0.1mg/kg
		Bifenthrin		0.01 - 0.1mg/kg
		Bromopropylate		0.01 - 0.1mg/kg
		Pretilachlor		0.01 - 0.1mg/kg
		Captafol		0.01 - 0.1mg/kg
		Edifenphos		0.01 - 0.1mg/kg
		Endosulfan-Sulphate		0.01 - 0.1mg/kg
		Fenpropathrin		0.01 - 0.1mg/kg
		Iprodione		0.01 - 0.1mg/kg
		Lambda-cyhalothrin		0.01 - 0.1mg/kg
		Permethrin_I		0.01 - 0.1mg/kg
		Propargite		0.01 - 0.1mg/kg
		Pyriproxyfen		0.01 - 0.1mg/kg
		Cyfluthrin II		0.01 - 0.1mg/kg
		Cypermethrin II		0.01 - 0.1mg/kg
		Etofenprox		0.01 - 0.1mg/kg
		Fenvalerate-I		0.01 - 0.1mg/kg
		Fluvalinate-tau-I		0.01 - 0.1mg/kg
		Permethrin_II		0.01 - 0.1mg/kg

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	<b>Cereals and Pulses</b>	Propaquizfop	GCLPL/QS/CRA/5.4/70	0.01 - 0.1mg/kg
		Pyrethrins (sum of pyrethrins I & II and other structurally related insecticide Ingredients of pyrethrum)	(Revision No.3 & Issue No.1) (Issue Date:-24/06/2013)  LC-MS/MS,GCMS/MS, GC-ECD	0.01 - 0.1mg/kg
		2,4D	GCLPL/QS/CRA/5.4/33 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LC-MS/MS,	0.01- 1.0mg/kg
		Methyl Chloro-phenoxy-acetic Acid(M.C.P.A.)	GCLPL/QS/CRA/5.4/70 (Revision No.3 & Issue No.1) (Issue Date:-24/06/2013)	0.01- 0.1mg/kg
		Ethoxysulfuron		0.01- 0.1mg/kg
		Cyhalofop-butyl		0.01- 0.1mg/kg
		Fenobucarb	LC-MS/MS,GCMS/MS, GC-ECD	0.01- 0.1mg/kg
		Anilophos		0.01- 0.1mg/kg
		Carpropamid		0.01- 0.1mg/kg
		Oxadiargyl		0.01- 0.1mg/kg
		Pyrazosulfuron ethyl		0.01- 0.1mg/kg
		Clomazone		0.01- 0.1mg/kg
		Fluchloralin		0.01- 0.1mg/kg
		Fenoxy-prop-p-ethyl		0.01- 0.1mg/kg
		Quizalofop-ethyl		0.01- 0.1mg/kg
		Clomazone		0.01- 0.1mg/kg
		Sulfosulfuron		0.01- 0.1mg/kg
		Chlorimuron-ethyl		0.01- 0.1mg/kg
		Diclofop-methyl		0.01- 0.1mg/kg
		Metasulfuron-methyl		0.01- 0.1mg/kg
		Methabenzthiazuron		0.01- 0.1mg/kg

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	<b>Cereals and Pulses</b>	Triallate	GCLPL/QS/CRA/5.4/70	0.01- 0.1mg/kg
		Fenoxy-prop-p-ethyl	(Revision No.3 & Issue No.1)	0.01- 0.1mg/kg
		Clodinafop-propanyl	(Issue Date:-24/06/2013)	0.01- 0.1mg/kg
		Fluchloralin	LC-MS/MS,GCMS/MS, GC-ECD	0.01- 0.1mg/kg
		Glyphosatefalpha a	GCLPL/QS/CRA/5.4/68 (Revision No.4 & Issue No.1) (Issue Date:-21/01/2014) LC-MS/MS	0.05- 1.0mg/kg
		Dithiocarbamates	GCLPL/QS/CRA/5.4/15 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) UV-Spectrophotometer	0.05-1mg/kg
	<b>Mycotoxin</b>			
		Ochratoxin A	GCLPL/QS/CRA/5.4/51 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LC-MS/MS	0.3-10µg/kg
		T-2 toxin	GCLPL/QS/CRA/5.4/71 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LC-MS/MS	0.005 - 0.1mg/kg
		Deoxynevaluron	GCLPL/QS/CRA/5.4/71 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LC-MS/MS	0.2-1.0mg/kg

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	<b>Cereals and Pulses</b>	Zerelenone	GCLPL/QS/CRA/5.4/71 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LC-MS/MS	0.02 – 1.0mg/kg
<b>27</b>	<b>Guar and Guar products</b>	Pentachlorophenol	GCLPL/QS/CRA/5.4/35 (Revision No.1 & Issue No.1) LCMS MS	1.0 – 100.0 µg/kg
<b>28</b>	<b>Fish and Fishery Products Meat and Meat Products</b>	<b>Antibiotics/Veterinary Drug Residues</b>		
		Chloramphenicol	GCLPL/QS/CRA/5.4/01 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.08-10 µg/kg
		<b>Nitrofurans Metabolites</b>		
		Aminohydantoin (AHD)	LCMS MS [JOURNAL OF CHROMATOGRAPHY 807 PAGE (343-356)]	0.5-10 µg/kg
		3-amino-5-morpholinomethyl-2-oxzolidinone (AMOZ)	GCLPL/QS/CRA/5.4/03 LCMS MS	0.5-10 µg/kg
		Amino-oxzolidinone (AOZ)	(RIKILT)	0.5-10 µg/kg
		Semicarbazide (SEM)		0.5-10 µg/kg
		<b>Sulfonamides</b>		
		Sulphadoxine		10 – 1000 µg/kg
		Sulphadimethoxine		10 – 1000 µg/kg
		Sulphamethoxyypyridazine		10 – 1000 µg/kg
		Sulphadimidine		10 – 1000 µg/kg
		Sulphamethazine		10 – 1000 µg/kg
		Sulphamethizole		10 – 1000 µg/kg

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	<b>Fish and Fishery Products Meat and Meat Products</b>	Sulphamerazine	GCLPL/QS/CRA/5.4/02	10 – 1000 µg/kg
		Sulphathiazole	(Revision No.1 & Issue No.1)	10 – 1000 µg/kg
		Sulphadiazine	(Issue Date:-28/07/2012)	10 – 1000 µg/kg
		Sulphaguanidine	LCMS MS	10 – 1000 µg/kg
		Sulphanilamide	(AGILENT APPLICATION NOTE 2003)	10 – 1000 µg/kg
		Sulphamethoxazol		10 – 1000 µg/kg
		Sulphapyridine		10 – 1000 µg/kg
		<b>Tetracyclines</b>	GCLPL/QS/CRA/5.4/04	
		Tetracycline	(Revision No.2 & Issue No.1)	25 – 1000 µg/kg
		4-Epitetracycline	(Issue Date:-28/07/2012)	
		Oxytetracycline		25 – 1000 µg/kg
		4-Epioxytetracycline		25 – 1000 µg/kg
		Chlortetracycline	LCMS MS (AOAC 19 <sup>th</sup> Ed.-995.09/1999)	25 – 1000 µg/kg
		4-Epichlortetracycline		25 – 1000 µg/kg
		Oxolinic acid		25 – 1000 µg/kg
		Trimethoprim		25 – 1000 µg/kg
		<b>Nitrofurantoin Parent</b>	GCLPL/QS/CRA/5.4/56	
		Nitrofurantoin	(Revision No.1 & Issue No.1)	0.5 – 10 µg/kg
		Furaltadone	(Issue Date:-28/07/2012)	0.5 – 10 µg/kg
		Furazolidone	HPLC (JOURNAL OF CHROMATOGRAPHY)	0.5 – 10 µg/kg
		Nitrofurazone		0.5 – 10 µg/kg
		<b>Dyes residue</b>	GCLPL/QS/CRA/5.4/40	
		Malachite Green	(Revision No.1 & Issue No.1)	0.93 – 10 µg/kg
			(Issue Date:-28/07/2012)	
		Leuco Malachite Green	LCMS MS	0.93 – 10 µg/kg

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	<b>Fish and Fishery Products Meat and Meat Products</b>	Crystal Violet and Leuco Crystal Violet	GCLPL/QS/CRA/5.4/47 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.92 – 10 µg/kg
		Allura Red	GCLPL/QS/CRA/5.4/49 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	1 – 5 mg/kg
		<b>Quinolones</b> Enrofloxacin ciprofloxacin Oxalinic acid	GCLPL/QS/CRA/5.4/04 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	25 – 1000 µg/kg 25 – 1000 µg/kg 50 – 1000 µg/kg
		Pendimethalin	GCLPL/QS/CRA/5.4/46 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GC-ECD & GC-MS/MS	10 – 100 µg/kg
<b>29</b>		<b>Milk &amp; Milk Products</b>	<b>Nitrofuran Metabolites</b>	GCLPL/QS/CRA/5.4/03 (Revision No.2 & Issue No.1) (Issue Date:-11/12/2013) LCMS MS (RIKILT )
		Aminohydantoin (AHD)		0.5 – 10 µg/kg
		3-amino-5-morpholinomethyl-2-oxazolidinone (AMTZ)		0.5 – 10 µg/kg
		Amino-oxzolidinone (AOZ)		0.5 – 10 µg/kg
		Semicarbazide (SEM)		0.5 – 10 µg/kg



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	<b>Milk &amp; Milk Products</b>	<b>Sulfonamides</b>	GCLPL/QS/CRA/5.4/43 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	5 – 1000 µg/kg
		Sulphadimidine		5 – 1000 µg/kg
		Sulphadiazine	LCMS MS [JOURNAL OF CHROMATOGRAPHY A,1205 (2008)10-S16]	5 – 1000 µg/kg
		Sulphadimethoxine		5 – 1000 µg/kg
		Sulphadoxine	GCLPL/QS/CRA/5.4/43 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	5 – 1000 µg/kg
		Sulphamirazine	LCMS MS [JOURNAL OF CHROMATOGRAPHY A,1205 (2008)10-S16]	5 – 1000 µg/kg
		Sulphanilamide		5 – 1000 µg/kg
		Sulphamethazine		5 – 1000 µg/kg
		Sulphamethoxypyridazine		5 – 1000 µg/kg
		Sulphamethiazole		5 – 1000 µg/kg
		Sulphathizole		5 – 1000 µg/kg
		<b>Tetracyclines</b>	GCLPL/QS/CRA/5.4/04 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	25 – 1000 µg/kg
		Tetracycline 4-Epitetracycline		25 – 1000 µg/kg
		Oxytetracycline 4-Epioxytetracycline	LCMS MS (AOAC- 19 <sup>th</sup> Ed. 995.09/1999)	25 – 1000 µg/kg

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	<b>Milk &amp; Milk Products</b>	Chlortetracycline	GCLPL/QS/CRA/5.4/04 (Revision No.2 & Issue No.1)	25 – 1000 µg/kg
		4-Epichlortetracycline	(Issue Date:-28/07/2012)	25 – 1000 µg/kg
		Oxolinic acid	LCMS MS (AOAC- 19 <sup>th</sup> Ed. 995.09/1999)	25 – 1000 µg/kg
	<b>Non-steroidal anti-inflammatory drugs (NSAID)</b>	Phenyl Butazone	GCLPL/QS/CRA/5.4/36 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) (J OF CHROMATOGRAPHY 267)	5 – 100 µg/kg
			Chloramphenicol	GCLPL/QS/CRA5.4/01 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)
	<b>Nitroimidazoles</b>	Ronidazole	LCMSMS [JOURNAL OF CHROMATOGRAPHY 807 PAGE(343-356)]	
			GCLPL/QS/CRA/5.4/32 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.78 – 10 µg/kg
	Metronidazole		GCLPL/QS/CRA/5.4/53 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.8 – 10 µg/kg

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	<b>Milk &amp; Milk Products</b>	<b>Antibacterial Substance</b>	GCLPL/QS/CRA/5.4/53	
		Dihydrostreptomycin including streptomycin	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	50 – 1000 µg/kg
		Gentamycin	LCMS MS	50 – 1000 µg/kg
		GentamycinC1		
		GentamycinC1a		
		GentamycinC2		
		GentamycinC2a		
		Kanamycin A		50 – 1000 µg/kg
		NeomycinB		50 – 1000 µg/kg
		Spectinomycin		50 – 1000 µg/kg
		Doxycycline	GCLPL/QS/CRA/5.4/29 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	5 – 50 µg/kg
		Enrofloxacin	GCLPL/QS/CRA/5.4/59 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	25-1000 µg/kg
		Ciprofloxacin	GCLPL/QS/CRA/5.4/59 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	25-1000 µg/kg
	Erythromycin A	GCLPL/QS/CRA/5.4/42 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	20 – 1000 µg/kg	
	Spiramycin	GCLPL/QS/CRA/5.4/42	100 - 1000µg/kg	
	Neospiramycin	(Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)		

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	<b>Milk &amp; Milk Products</b>	Tilmicosin	GCLPL/QS/CRA/5.4/42 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	25 – 1000 µg/kg
		Tylosin A	GCLPL/QS/CRA/5.4/42 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	25 – 1000 µg/kg
		Trimethoprim	GCLPL/QS/CRA/5.4/04 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	25 – 1000 µg/kg
		Thiamphenicol	GCLPL/QS/CRAR5.4/41 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	25 – 1000 µg/kg
	<b>Anthelmintics</b>	Albendazole	GCLPL/QS/CRA/5.4/22 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	12.5 – 500 µg/kg
		Albendazole sulphoxide		
		Albendazole sulphone		
		Albendazole 2-aminosulphone,	LCMS MS	
		Fenbendazole	GCLPL/QS/CRA/5.4/22 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	2.0 – 100 µg/kg
		oxfenbendazole sulphone	LCMS MS	
		Ivermectin (22,23-Dyhydro- avermectinB1a)	GCLPL/QS/CRA/5.4/55 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS	5 – 100 µg/kg

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	<b>Milk &amp; Milk Products</b>	Morantel N-methyl-1,3-propanediamine	GCLPL/QS/CRA/5.4/58 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS	10 – 100 µg/kg
		<b>Mycotoxin</b> Aflatoxin M1	GCLPL/QS/CRA/5.4/44 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.01 – 1 µg/kg
		<b>Organochlorine compounds</b> Aldrin Dieldrin	GCLPL/QS/CRA/5.4/24 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) GCMS MS,GC ECD	0.002 – 0.01 mg/kg
		Cis-Chlordane Trans-Chlordane		0.001 – 0.01 mg/kg
		Alpha Endosulfan Beta Endosulfan Endosulfan sulphate		0.005 – 0.05 mg/kg
		HCH- <i>gamma</i> (Lindane)		0.001 – 0.01 mg/kg
		Heptachlor Heptachlor epoxide		0.002 – 0.01 mg/kg
		Methoxychlor		0.005 – 0.05 mg/kg

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	<b>Milk &amp; Milk Products</b>	<b>Organophosphorus Compounds</b>		
		Diazinon	GCLPL/QS/CRA/5.4/23 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.005 – 0.05 mg/kg
		Dichlorvos	GCLPL/QS/CRA/5.4/23 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.005 – 0.05 mg/kg
		Ethion	GCLPL/QS/CRA/5.4/23 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	0.005 – 0.05 mg/kg
		Fenthion Fenthion sulphone Fenthion sulphoxide		0.005 – 0.05 mg/kg
		Malathion Malaaxon		0.005 – 0.05 mg/kg
		Parathion methyl Paraoxon-methyl		0.005 – 0.05 mg/kg
		Phosalone		0.005 – 0.05 mg/kg
		Carbendazim	GCLPL/QS/CRA/5.4/24 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 – 0.1 mg/kg
		Benomyl	GCLPL/QS/CRA/5.4/23 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01 – 0.1 mg/kg
		Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	GCMS MS,GC ECD GCLPL/QS/CRA/5.4/23 LCMS MS	0.01 – 0.1 mg/kg
		Phorate (sum of Phorate, its oxygenanalogue and their sulphoxides and sulphones,expressed as phorate)		0.01 – 0.1 mg/kg

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	<b>Milk &amp; Milk Products</b>	Pirimiphos-methyl	GCLPL/QS/CRA/5.4/24 (Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Chlorienvinphos (Residues to be measured as alpha and beta isomers of Chlorienvinphos)	(Issue Date:-28/07/2012) GCMS MS,GC ECD GCLPL/QS/CRA/5.4/23 LCMS MS	0.01 – 0.1 mg/kg
		Chlorpyrifos	GCLPL/QS/CRA/5.4/24 (Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Cypermethrin (sum of isomers)	(Issue Date:-28/07/2012)	0.01 – 0.1 mg/kg
		Edifenphos	GCMS MS,GC ECD GCLPL/QS/CRA/5.4/23	0.01 – 0.1 mg/kg
		Fenvalerate (fat soluble residue)	LCMS MS	0.01 – 0.1 mg/kg
		Monocrotophos		
		Trichlorfon	GCLPL/QS/CRA/5.4/24 (Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Phenthoate	(Issue Date:-28/07/2012)	0.01 – 0.1 mg/kg
		HCH- Alfa		0.01 – 0.1 mg/kg
		HCH- Beta		0.01 – 0.1 mg/kg
		HCH- Delta	GCMS MS,GC ECD	0.01 – 0.1 mg/kg
		2,4D	GCLPL/QS/CRA/5.4/23 & 68 LCMS MS	0.01 – 0.1 mg/kg
		Paraquat Dichloride (Determined as Paraquat cations)		0.05 – 0.5 mg/kg

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<b>30</b>	<b>Oil &amp; Oil Products</b>	3,4 Dichloroaniline	GCLPL/QS/CRA/5.4/84 (Revision No.1 & Issue No.1) (Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		3 OH Carbofuran		0.01 – 0.1 mg/kg
		Acephate		0.01 – 0.1 mg/kg
		Acetamiprid		0.01 – 0.1 mg/kg
		Alachlor	GC-MS/MS GC-ECD LC-MS/MS	0.01 – 0.1 mg/kg
		Atrazine		0.01 – 0.1 mg/kg
		Avermectin B1a		0.01 – 0.1 mg/kg
		Avermectin B1b		0.01 – 0.1 mg/kg
		Azimpfos Methyl		0.01 – 0.1 mg/kg
		Azoxystrobin		0.01 – 0.1 mg/kg
		Benalaxyl		0.01 – 0.1 mg/kg
		Benfuracarb		0.01 – 0.1 mg/kg
		Benomyl		0.01 – 0.1 mg/kg
		Bifenazate		0.01 – 0.1 mg/kg
		Bitertanol		0.01 – 0.1 mg/kg
		Buprofezin		0.01 – 0.1 mg/kg
		Butachlor		0.01 – 0.1 mg/kg
		Carbaryl		0.01 – 0.1 mg/kg
		Carbendazim	0.01 – 0.1 mg/kg	
		Carbofuran	0.01 – 0.1 mg/kg	
		Carbosulfan	0.01 – 0.1 mg/kg	
		Carboxin	0.01 – 0.1 mg/kg	
		Chlornatraniliprole	0.01 – 0.1 mg/kg	
		Clothianidin	0.01 – 0.1 mg/kg	
		Cymoxanil	0.01 – 0.1 mg/kg	
		Cyzofamide	0.01 – 0.1 mg/kg	
Diazomate	0.01 – 0.1 mg/kg			
Demeton-S-Methylsulfon	0.01 – 0.1 mg/kg			



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	<b>Oil &amp; Oil Products</b>	Diazinon	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Dichlorovos	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Difenoconazole	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Difenthiuron		0.01 – 0.1 mg/kg
		Diflubenzuron	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Dimethoate	LC-MS/MS	0.01 – 0.1 mg/kg
		Dimethomorph		0.01 – 0.1 mg/kg
		Dithianon		0.01 – 0.1 mg/kg
		Diuron		0.01 – 0.1 mg/kg
		Edifenphos		0.01 – 0.1 mg/kg
		Emamectin Benzoate		0.01 – 0.1 mg/kg
		Ethion		0.01 – 0.1 mg/kg
		Ethoxyquin		0.01 – 0.1 mg/kg
		Etrimphos		0.01 – 0.1 mg/kg
		Fipronil		0.01 – 0.1 mg/kg
		Fipronil Sulfon		0.01 – 0.1 mg/kg
		Fipronil Sulfoxide		0.01 – 0.1 mg/kg
		Famoxadone		0.01 – 0.1 mg/kg
		Fenamidone		0.01 – 0.1 mg/kg
		Fenamiphos		0.01 – 0.1 mg/kg
		Fenarimol		0.01 – 0.1 mg/kg
		Fenazaquin		0.01 – 0.1 mg/kg
		Fenburacarb		0.01 – 0.1 mg/kg
		Fenpyroximate		0.01 – 0.1 mg/kg
		Fenthion		0.01 – 0.1 mg/kg
		Fenthion Sulfoxide		0.01 – 0.1 mg/kg
		Forchlorfenuron		0.01 – 0.1 mg/kg
		Flubendamide		0.01 – 0.1 mg/kg
		Flufacenate		0.01 – 0.1 mg/kg
		Dodine		0.05 - 0.1mg/kg

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	<b>Oil &amp; Oil Products</b>	Flufenoxuron	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Flufenzine	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Flusilazole	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Hexaconazole		0.01 – 0.1 mg/kg
		Hexythiazox	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Imazalil	LC-MS/MS	0.01 – 0.1 mg/kg
		Imidacloprid		0.01 – 0.1 mg/kg
		Indoxacarb		0.01 – 0.1 mg/kg
		Iodosulfuron Methyl		0.01 – 0.1 mg/kg
		Iprobenphos		0.01 – 0.1 mg/kg
		Iprovalicarb		0.01 – 0.1 mg/kg
		Isoprothiolane		0.01 – 0.1 mg/kg
		Isoproturon		0.01 – 0.1 mg/kg
		Kresoxym Methyl		0.01 – 0.1 mg/kg
		Linuron		0.01 – 0.1 mg/kg
		Lufenuron		0.01 – 0.1 mg/kg
		Malathion		0.01 – 0.1 mg/kg
		Malaoxon		0.01 – 0.1 mg/kg
		Mandipropamid		0.01 – 0.1 mg/kg
		Metalaxyl		0.01 – 0.1 mg/kg
		Metalaxyl-M		0.01 – 0.1 mg/kg
		Metolachlor		0.01 – 0.1 mg/kg
		Metolachlor-S		0.01 – 0.1 mg/kg
		Methamidophos		0.01 – 0.1 mg/kg
		Methomyl		0.01 – 0.1 mg/kg
		Metribuzin		0.01 – 0.1 mg/kg
		Mevinphos		0.01 – 0.1 mg/kg
		Milbemectin A3		0.01 – 0.1 mg/kg
		Milbemectin A4		0.01 – 0.1 mg/kg
		Monocrotophos		0.01 – 0.1 mg/kg
		Myclobutanil		0.01 – 0.1 mg/kg

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	<b>Oil &amp; Oil Products</b>	Novaluron	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Omethoate	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Oxydiazon	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Oxycarboxin		0.01 – 0.1 mg/kg
		Oxydemeton Methyl	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Paclobutrazol	LC-MS/MS	0.01 – 0.1 mg/kg
		Penconazole		0.01 – 0.1 mg/kg
		Pencycuron		0.01 – 0.1 mg/kg
		Pendimethalin		0.01 – 0.1 mg/kg
		Phenthoate		0.01 – 0.1 mg/kg
		Phosalone		0.01 – 0.1 mg/kg
		Phosphamidon		0.01 – 0.1 mg/kg
		Primphos Methyl		0.01 – 0.1 mg/kg
		Profenofos		0.01 – 0.1 mg/kg
		Propargite		0.01 – 0.1 mg/kg
		Propiconazole		0.01 – 0.1 mg/kg
		Propoxur		0.01 – 0.1 mg/kg
		Pyraclostrobin		0.01 – 0.1 mg/kg
		Quinalfos		0.01 – 0.1 mg/kg
		Simazine		0.01 – 0.1 mg/kg
		Spinosyn A		0.01 – 0.1 mg/kg
		Spinosyn D		0.01 – 0.1 mg/kg
		Spiromesifen		0.01 – 0.1 mg/kg
		Tebuconazole		0.01 – 0.1 mg/kg
		Temephos		0.01 – 0.1 mg/kg
		Thiacloprid		0.01 – 0.1 mg/kg
		Thiamethoxam		0.01 – 0.1 mg/kg
		Thiobencarb		0.01 – 0.1 mg/kg
		Thiodicarb		0.01 – 0.1 mg/kg
		Thiometon		0.01 – 0.1 mg/kg

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	<b>Oil &amp; Oil Products</b>	Thiophenate Methyl	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Triademefon	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Tridemenol	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Triazophos		0.01 – 0.1 mg/kg
		Trichlorfon	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Tricyclazole	LC-MS/MS	0.01 – 0.1 mg/kg
		4,Bromo,2-Chlorophenol		0.01 – 0.1 mg/kg
		Fenvalerate II		0.01 – 0.1 mg/kg
		Bendiocarb		0.01 – 0.1 mg/kg
		Fluvalinate-Tau-II		0.01 – 0.1 mg/kg
		Biphenyl		0.01 – 0.1 mg/kg
		Cyfluthrin – I		0.01 – 0.1 mg/kg
		Cyfluthrin - III		0.01 – 0.1 mg/kg
		Cis-1,2,3,4 tetrahydroPhthalimide		0.01 – 0.1 mg/kg
		Cyfluthrin – IV		0.01 – 0.1 mg/kg
		Cypermethrin-I		0.01 – 0.1 mg/kg
		Orthophenylphenol		0.01 – 0.1 mg/kg
		Cypermethrin-III		0.01 – 0.1 mg/kg
		Benfluralin		0.01 – 0.1 mg/kg
		Chlorpyrifos Methyl		0.01 – 0.1 mg/kg
		Cypermethrin-IV		0.01 – 0.1 mg/kg
		Hexachlorobenzene		0.01 – 0.1 mg/kg
		Lindane		0.01 – 0.1 mg/kg
		Paraoxon-methyl		0.01 – 0.1 mg/kg
		Phorate		0.01 – 0.1 mg/kg
		Propanil		0.01 – 0.1 mg/kg
		Propetamphos		0.01 – 0.1 mg/kg
		Triallet		0.01 – 0.1 mg/kg
		Trifluralin		0.01 – 0.1 mg/kg
		Chlorpyrifos		0.01 – 0.1 mg/kg
		Dichlorobenzophenon		0.01 – 0.1 mg/kg

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	<b>Oil &amp; Oil Products</b>	Dicofol	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Fenitrothion	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Fipronil	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Metalaxyl		0.01 – 0.1 mg/kg
		Parathion ethyl	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Parathion Methyl	LC-MS/MS	0.01 – 0.1 mg/kg
		Phorate sulfone		0.01 – 0.1 mg/kg
		Phorate Sulphoxide		0.01 – 0.1 mg/kg
		Tetraconazole		0.01 – 0.1 mg/kg
		Transfluthrin		0.01 – 0.1 mg/kg
		Triadimefon		0.01 – 0.1 mg/kg
		Allethrin		0.01 – 0.1 mg/kg
		Alpha Endosulfan		0.01 – 0.1 mg/kg
		Bioallethrin		0.01 – 0.1 mg/kg
		Captan		0.01 – 0.1 mg/kg
		Chlorfenvinphos		0.01 – 0.1 mg/kg
		Fipronil Sulfoxide		0.01 – 0.1 mg/kg
		Methoxychlor		0.01 – 0.1 mg/kg
		Profenofos		0.01 – 0.1 mg/kg
		Triadimenol		0.01 – 0.1 mg/kg
		Beta Endosulfan		0.01 – 0.1 mg/kg
		Buprofezin		0.01 – 0.1 mg/kg
		Chlorfenapyr		0.01 – 0.1 mg/kg
		Oxyfluorfen		0.01 – 0.1 mg/kg
		Bifenthrin		0.01 – 0.1 mg/kg
		Bromopropylate		0.01 – 0.1 mg/kg
		Captafol		0.01 – 0.1 mg/kg
		Edifenphos		0.01 – 0.1 mg/kg
		Endosulfan-Sulphate		0.01 – 0.1 mg/kg
		Fenpropathrin		0.01 – 0.1 mg/kg

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	<b>Oil &amp; Oil Products</b>	Iprodione	GCLPL/QS/CRA/5.4/84	0.01 – 0.1 mg/kg
		Lambda-cyhalothrin	(Revision No.1 & Issue No.1)	0.01 – 0.1 mg/kg
		Permethrin_I	(Issue Date:-28/01/2014)	0.01 – 0.1 mg/kg
		Propargite		0.01 – 0.1 mg/kg
		Pyriproxyfen	GC-MS/MS GC-ECD	0.01 – 0.1 mg/kg
		Cyfluthrin II	LC-MS/MS	0.01 – 0.1 mg/kg
		Cypermethrin II		0.01 – 0.1 mg/kg
		Deltamethrin		0.01 – 0.1 mg/kg
		Etofenprox		0.01 – 0.1 mg/kg
		Fenvalerate-I		0.01 – 0.1 mg/kg
		Fluvalinate-tau-I		0.01 – 0.1 mg/kg
		Permethrin_II		0.01 – 0.1 mg/kg
		Propaquizifop		0.01 – 0.1 mg/kg
		Imazethpyre		0.01 – 0.1 mg/kg
<b>31</b>	<b>Honey &amp; Honey Products</b>	<b>Antibacterial Substances</b>		
		Dihydrostreptomycin	GCLPL/QS/CRA/5.4/50	10 – 100 µg/kg
		Streptomycin	(Revision No.1 & Issue No.1)	
			(Issue Date:-28/07/2012)	
			LCMS MS	
		<b>Sulfonamides</b>		
		Sulphadimidine	GCLPL/QS/CRA/5.4/02	1 – 50 µg/kg
		Sulphadiazine	(Revision No.1 & Issue No.1)	1 – 50 µg/kg
		Sulphadimethoxine	(Issue Date:-28/07/2012)	1 – 50 µg/kg
		Sulphadoxine	LCMS MS	1 – 50 µg/kg
			(AGILENT APPLICATION NOTE 2003)	

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	<b>Honey &amp; Honey Products</b>	Sulphamerazine	LCMS MS (AGILENT APPLICATION NOTE 2003)	1 – 50 µg/kg
		Sulphamethoxyipyridazine	GCLPL/QS/CRA/5.4/02 (Revision No.1 & Issue No.1)	1 – 50 µg/kg
		Sulphamethiazole	(Issue Date:-28/07/2012)	1 – 50 µg/kg
		Sulphathizole	LCMS MS	1 – 50 µg/kg
		Sulphamethoxzole	(AGILENT APPLICATION NOTE 2003)	1 – 50 µg/kg
		Sulphapyridine		1 – 50 µg/kg
		Sulphaguanidine		1 – 50 µg/kg
		Trimethoprim		1 – 50 µg/kg
		<b>Tetracycline (sum of parent drugs &amp; its 4-epimers)</b>	GCLPL/QS/CRA/5.4/04 (Revision No.2 & Issue No.1)	
		Chlortetracycline	(Issue Date:-28/07/2012)	2.5 – 50 µg/kg
		4-Epichlortetracycline		
		Oxytetracycline	LCMS MS (AOAC 19 <sup>th</sup> Ed.-995.09/1999)	2.5 – 50 µg/kg
		4-Epioxytetracycline		
		Tetracycline		2.5 – 50 µg/kg
		4-Epitetracycline		
		Doxycycline	GCLPL/QS/CRA/5.4/29 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS	5 -100 µg/kg
		Chloramphenicol	GCLPL/QS/CRA/5.4/01 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS JOURNAL OF CHROMATOGRAPHY 807 PAGE(343-356)]	0.08 – 10 µg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Honey &amp; Honey Products</b>	<b>Carbamates</b>		
		Carbaryl	GCLPL/QS/CRA/5.4/31	0.01 – 0.2 mg/kg
		Carbofuran	(Revision No.0 & Issue No.1)	0.01 – 0.2 mg/kg
		Propexeur	(Issue Date:-01/11/2010)	0.01 – 0.2 mg/kg
		Tylosin A	LCMS MS	5 – 50 µg/kg
		<b>Pyrethroids</b>		
		Cyfluthrin (sum of isomers- Cyfluthrin I, Cyfluthrin II, Cyfluthrin III, Cyfluthrin IV)	GCLPL/QS/CRA/5.4/42 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMSMS	0.0025 – 0.1 mg/kg
		Lambda Cyhalothrin	GCLPL/QS/CRA/5.4/30	0.0025 – 0.1 mg/kg
		Cypermethrin (sum of isomers- Cypermethrin I,Cypermethrin II Cypermethrin III, Cypermethrin IV)	(Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) GCMS MS,GC ECD	0.0025 – 0.1 mg/kg
		Deltamethrin		0.0025 – 0.1 mg/kg
		Fenvalerate (sum of RR, SS,RS,SR isomers)		0.0025 – 0.1 mg/kg
		Permethrin (sum of isomers-Cis- Permethrin,Trans-Permethrin)		0.0025 – 0.1 mg/kg
		Fluvalinate		0.0025 – 0.1 mg/kg
		Chinomethionat		0.0025 – 0.1 mg/kg
		Bromopropylate		0.0025 – 0.1 mg/kg
		Cymiazole		0.0025 – 0.1 mg/kg



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	<b>Honey &amp; Honey Products</b>	<b>Organochlorine compounds</b>		
		Aldrin	GCLPL/QS/CRA/5.4/30 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010) GCMS MS,GC ECD	0.0025 – 0.1 mg/kg
		Dieldrin		
		Chlorbenzilate		
		p,p-DDT		0.0025 – 0.1 mg/kg
		o,p- DDT		
		p,p –DDE		
		o,p-DDE		
		p,p TDE (DDD)		
		o,p-DDD		
		Alpha Endosulfan		0.0025 – 0.1 mg/kg
		Beta Endosulfan		
		Endosulfan sulphate		
		Alpha HCH	0.0025 – 0.1 mg/kg	
		Beta HCH		
		Delta HCH		
		Lindane ( <i>gamma</i> -HCH)	0.0025 – 0.1 mg/kg	
		Heptachlor	0.0025 – 0.1 mg/kg	
		Heptachlor epoxide		
		Hexachlorobenzene (HCB)	0.0025 – 0.1 mg/kg	
		Vinclozolin sun of vinclozolin and all metabolites containing 3,5-dichloraniline moiety expressed as vinclozolin.		
		Chlorothalonil		

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	<b>Honey &amp; Honey Products</b>	<b>Organophosphorus compounds</b>		
		Coumaphos	GCLPL/QS/CRA/5.4/31 (Revision No.0 & Issue No.1) (Issue Date:-01/11/2010)	0.01 – 1 mg/kg
		Malathion Malaoxon		0.01 – 1 mg/kg
		Phosalone	LCMS MS	0.01 – 1 mg/kg
		<b>Nitrofurans Metabolites</b>		
		Aminohydantion (AHD)	GCLPL/QS/CRA/5.4/03 (Revision No.2 & Issue No.1) (Issue Date:-11/12/2013)	0.5 – 10 µg/kg
		3-amino-5-morpholinomethyl-2-oxzolidinone (AMOZ)	LCMS MS (RIKILT)	0.5 – 10 µg/kg
		Amino-oxzolidinone (AOZ)		0.5 – 10 µg/kg
		Semicarbazide (SEM)		0.5 – 10 µg/kg
		<b>Nitromidazoles</b>		
		Metronidazole	GCLPL/QS/CRA/5.4/32 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012)	0.8 – 100 µg/kg
		<b>Other Pharmacologically active subs</b>		
		Amitraz	GCLPL/QS/CRA/5.4/73 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012) LCMS MS	100 – 1000 µg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>Elemental Analysis in Food &amp; Agricultural Products</b>				
<b>32</b>	<b>Fish and Fishery Products Meat and meat products</b>	Cadmium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (Manual of analytical methods for fish and fishery products and AOAC 19th Edition 973.34)	0.02 – 10 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (Manual of analytical methods for fish and fishery products and AOAC 19th Edition 986.15)	0.1 – 10 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/63-B Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (Manual of analytical methods for fish and fishery products and AOAC 19th Edition 986.15)	0.04 – 10 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (Manual of analytical methods for fish and fishery products and AOAC 19th Edition 997.15)	0.1 – 10 mg/kg

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	<b>Fish and Fishery Products Meat and meat products</b>	Lead	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.06-10 mg/kg
		Sodium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-1000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-1000 mg/kg
		Calcium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-10000 mg/kg
		Chromium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 10 mg/kg
		Iron	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 100 mg/kg

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	<b>Fish and Fishery Products Meat and meat products</b>	Copper	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (AOAC 19th edition 971.20)	0.10 – 10 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 971.20)	0.10 – 100 mg/kg
		Selenium	GCLPL/QS/CRA/5.4/63 Revision No.-3, Issue No.-1 Issue Date: – 3/7/2012 (Manual of analytical methods for fish and fishery products and AOAC 19th Edition 997.15)	0.10 – 10 mg/kg
		Nitrate	AOAC 19th Edition 993.03	20 – 1000 mg/kg
		Nitrite	AOAC 19th Edition 973. 31	1 – 100 mg/kg
		Sodium Nitrate	AOAC 19th Edition 993.03	20 – 1000 mg/kg
		Sodium Nitrite	AOAC 19th Edition 973. 31	1 – 100 mg/kg
		Total phosphorous as P <sub>2</sub> O <sub>5</sub> or PO <sub>4</sub>	AOAC 19th Edition 995.11	0.05 – 2 %
		Ash	AOAC 19th Edition 920.153	0.05 – 5 %
		pH	GCLPL/QS/CRA/5.4/89 (Revision No.2 & Issue No.0) (Issue Date:-02/04/2014)	2 – 14

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33	<b>Vegetables and Fruits (fresh/ Processed), Fresh fruits and vegetable Thermally processed fruits/ vegetable fruit juices /vegetable soups/ fruit/ cocktails /tomato juice, tomato puree &amp; paste, tomato ketchup and tomato sauce/fruit nectars/mango pulp &amp; puree/fruit beverages/fruit drinks and ready to serve fruit beverages/ concentrated fruits/ vegetable juice pulp &amp; puree soup powders Dehydrated fruits &amp; vegetables Fruit jelly/Jam/ Crushes/Squashes/ Fruit syrups/fruit sharbat/barley,</b>	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-1000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-1000 mg/kg
		Phosphorus	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-10000mg/kg
		Potassium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-10000 mg/kg
		Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	1.0-10000 mg/kg
		Chromium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 10 mg/kg

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	<b>Syrup</b>	Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 100 mg/kg
		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.10 – 100 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 986.15)	0.10 – 10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 999.10)	0.10 – 10 mg/kg 0.02-10mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 984.27)	0.5-10 mg/kg

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		Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 971.21)	0.10 – 10 mg/kg
		Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 997.15)	0.10 – 10 mg/kg
		Benzoic Acid	DGHS Manual -8 Clause No. 1.2.2	0.01 – 5 %
		Sodium Benzoate	DGHS Manual -8 Clause No. 1.2.2	0.015 – 5 %
		Potassium Benzoate	DGHS Manual -8 Clause No. 1.2.2	0.015 – 5 %
<b>34</b>	<b>Honey and Honey products</b>	Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 997.15)	0.05 – 10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 999.10)	0.1 – 10.0 mg/kg
		Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 100 mg/kg



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	<b>Honey and Honey products</b>	Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 100 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1 – 10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5 – 500 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1 – 10 mg/kg
<b>35</b>	<b>Milk &amp; Milk powder</b>	Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 997.15)	0.010 – 10.0 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.05-10 mg/kg

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	<b>Milk &amp; Milk powder</b>	Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.05-10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.05 – 10 mg/kg
	<b>Milk / Dairy products &amp; Analogues (Milk, Cream, Malai, Dahi or Curd, Chana/ Paneer, Cheese</b>	Sodium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	1.0-10000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	1.0-10000 mg/kg
	<b>Dairy base dessert, confection, evaporated/ condensed milk &amp; milk products, foods for infant nutrition, butter, ghee &amp; milk fats, Chakka &amp; hrikhand, fermented milk products, whey products, edible casein products</b>	Phosphorous	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	1.0 – 10000 mg/kg
		Potassium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	1.0-10000mg/kg
		Calcium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	1.0-10000mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Dairy base dessert, confection, evaporated/ condensed milk &amp; milk products, foods for infant nutrition, butter, ghee &amp; milk fats, Chakka &amp; hrikhand, fermented milk products, whey products, edible casein products</b>	Chromium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 100 mg/kg
		Iron	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 1000 mg/kg
		Copper	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 100 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 100 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 10.0 mg/kg

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<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Dairy base dessert, confection, evaporated/ condensed milk &amp; milk products, foods for infant nutrition, butter, ghee &amp; milk fats, Chakka &amp; hrikhand, fermented milk products, whey products, edible casein products</b>	Tin	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.5 – 500 mg/kg
		Lead	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 (AOAC 19th Edition 999.11)	0.1 – 10 mg/kg
		Nitrate	AOAC 993.03 19 <sup>th</sup> Ed.	20 – 1000 mg/kg
		Nitrite	AOAC 973.31 19 <sup>th</sup> Ed.	1 – 100 mg/kg
<b>36</b>	<b>Fats, Oil and fat emulsions Crude palm oil, crude sunflower oil, Rapeseed oil, crude soya oil, Vegetable fat, edible fat, margarine, Hydrogenated vegetable oil Groundnut Oil Cottonseed oil Cottonseed oil (crude) Cottonseed oil</b>	Lead	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 Ref. AOAC 999.11 19 <sup>th</sup> Ed.	0.1 – 100 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 Ref. AOAC 999.11 19 <sup>th</sup> Ed.	0.1 – 100 mg/kg
		Copper	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 Ref. AOAC 999.11 19 <sup>th</sup> Ed.	0.1 – 100 mg/kg

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<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	(edible refined) Cottonseed oil (raw), Ground nut seed oil, Oil seeds Edible oils Oil seeds except groundnut Rapeseed/ Mustard Oil (crude) Soyabean oil Soyabean seed oil edible oil (refined) Cotton seed oil RBD Pamoline Other vegetable oils	Zinc	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 Ref. AOAC 999.11 19 <sup>th</sup> Ed.	0.1 – 100 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/67 Revision No. 2, Issue No.-1 Date: – 12/10/2011 Ref. AOAC 999.11 19 <sup>th</sup> Ed.	0.1 – 100 mg/kg
37	Pulses , Cereals and cereal products Atta /Maida /Suji or Rawa / Besan / Pearl barley (Jau) / Food grains / cornflour (maize starch) / com flakes custard powder / Macaroni products / Malted and malt based foods / rolled bats /	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0 – 10000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0 – 10000 mg/kg
		Phosphorous	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0 – 10000 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>starchy foods / Bakery products Pulses , Cereals and cereal products</b>	Potassium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0 – 10000 mg/kg
	<b>Atta /Maida /Suji or Rawa / Besan / Pearl barley (Jau) / Food grains / cornflour (maize starch) / com flakes</b>	Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0 – 10000 mg/kg
	<b>custard powder / Macaroni products / Malted and malt based foods / rolled bats / starchy foods / Bakery products</b>	Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 100 mg/kg
		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 1000 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.05 – 10 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Pulses , Cereals and cereal products</b>	Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.05 – 100 mg/kg
	<b>Atta /Maida /Suji or Rawa / Besan / Pearl barley (Jau) / Food grains / cornflour (maize starch) / com flakes custard powder / Macaroni products</b>	Selenium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1 – 10 mg/kg
	<b>/ Malted and malt based foods / rolled bats / starchy foods / Bakery products</b>	Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5 – 500 mg/kg
		Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1 – 100 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.01 – 10 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>38</b>	<b>Sweets and confectionery ( sugar boiled confectionery,lozen ges,chewing gum &amp; bubble gum, Chocolates, ice lollies or edible ices) Sweetning agents (Sugar, misri, Gur or jiggery, Dextrose, golden syrup, Dried glucose syrup)</b>	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000 mg/kg
		Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Chromium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg
		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg



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<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Sweets and confectionery ( sugar boiled confectionery,lozenges,chewing gum &amp; bubble gum, Chocolates, ice lollies or edible ices) Sweetning agents (Sugar, misri, Gur or jiggery, Dextrose, golden syrup, Dried glucose syrup)</b>	Nickel	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.20)	0.1-100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1-10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.1-10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5- 500 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1-10 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Sweets and confectionery (sugar boiled confectionery, lozenges, chewing gum &amp; bubble gum, Chocolates, ice lollies or edible ices) Sweetning agents (Sugar, misri, Gur or jiggery, Dextrose, golden syrup, Dried glucose syrup)</b>	Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1-10 mg/kg
		Benzoic Acid	DGHS Manual 8, Clause No. 1.2.2	0.01% - 5%
		Sodium Benzoate	DGHS Manual 8, Clause No. 1.2.2	0.015% - 5 %
		Potassium Benzoate	DGHS Manual 8, Clause No. 1.2.2	0.015% - 5 %
<b>39</b>	<b>Salts</b>	Sodium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-500000mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10000mg/kg
		Aluminum	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10000mg/kg
		Phosphorous	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10000mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Salts</b>	Potassium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10000mg/kg
		Calcium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10000mg/kg
		Chromium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-100 mg/kg
		Iron	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-100 mg/kg
		Copper	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-100 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-100 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Salts</b>	Cadmium	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-500 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10 mg/kg
		Lead	GCLPL/QS/CRA/5.4/66 Revision No. 2, Issue No.-1 Date: – 12/10/2011	0.5-10 mg/kg
<b>40</b>	<b>Spices, condiments &amp; related products ( Caraway, Cardamom, chillies &amp; capsicum, cinnamon, cloves, coriander, cumin, fennel, fenugreek, ginger, mace, mustard, nutmeg, pepper black, poppy, saffron, turmeric, curry powder, mixed masala, aniseed, ajowan, dried mango slices, dried</b>	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0-10000 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0-10000 mg/kg
		Phosphorous	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27	1.0-10000 mg/kg

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>mango powder, pepper white, garlic, celery, dehydrated onion, Asafoetida, edible common salt.</b>	Potassium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000 mg/kg
		Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1-10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.1-10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5-500 mg/kg
		Chromium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
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		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.20)	0.1-100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
<b>41</b>	<b>Spices, condiments &amp; related products ( Caraway, Cardamom, chillies &amp; capsicum, cinnamon, cloves, coriander, cumin, fennel, fenugreek, ginger, mace, mustard, nutmeg, pepper black, poppy, saffron, turmeric, curry powder, mixed masala, aniseed, ajowan, dried</b>	Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1-10 mg/kg
		Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1-10 mg/kg
		Benzoic Acid	DGHS Manual 8, Clause No. 1.2.2	0.01% - 5%

<b>Laboratory</b>	<b>Geo-Chem Laboratories (P) Ltd., Pragati Building, Near Crompton Greaves, Kanjur Marg (E), Mumbai, Maharashtra</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>mango slices, dried mango powder, pepper white, garlic, celery, dehydrated onion, Asafoetida, edible common salt</b>	Sodium Benzoate	DGHS Manual 8, Clause No. 1.2.2	0.015% - 5 %
		Potassium Benzoate	DGHS Manual 8, Clause No. 1.2.2	0.015% - 5 %
<b>42</b>	<b>Beverages (other than dairy &amp; fruit &amp; vegetable based) (tea, coffee, chicory, coffee-chicory mixture, beverages – alcoholic, beverages, non alcoholic</b>	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Beverages (other than dairy &amp; fruit &amp; vegetable based) (tea, coffee, chicory, coffee-chicory mixture, beverages – alcoholic, beverages, non alcoholic)</b>	Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1-10 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.1-10 mg/kg
		Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1-10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5-500 mg/kg
		Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1-100 mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg



<b>Laboratory</b>	<b>Geo-Chem Laboratories (P) Ltd., Pragati Building, Near Crompton Greaves, Kanjur Marg (E), Mumbai, Maharashtra</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		Potassium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
<b>43</b>	<b>Food additives</b>	Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg
		Arsenic	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1-100 mg/kg
		Cadmium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.1-10 mg/kg
		Tin	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5-500 mg/kg

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Food additives</b>	Mercury	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1-10 mg/kg
		Lead	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1-100 mg/kg
		Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg
<b>44</b>	<b>Other food product &amp; ingredients (Baking powder, Catechu, gelatin, Silver leaf, Pan massala, low &amp; cocoa powder, carob powder)</b>	Sodium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Magnesium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Calcium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		Chromium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Potassium	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	1.0-10000mg/kg
		Iron	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-1000 mg/kg
<b>45</b>	<b>Other food product &amp; ingredients (Baking powder, Catechu, gelatin, Silver leaf, Pan massala, low &amp; cocoa powder, carob powder)</b>	Copper	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg
		Nickel	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.20)	0.1-100 mg/kg
		Zinc	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.1-100 mg/kg

<b>Laboratory</b>	<b>Geo-Chem Laboratories (P) Ltd., Pragati Building, Near Crompton Greaves, Kanjur Marg (E), Mumbai, Maharashtra</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	Arsenic		GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 986.15)	0.1-10 mg/kg
	Cadmium		GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 999.10)	0.1-10 mg/kg
	Tin		GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 984.27)	0.5-500 mg/kg
	Mercury		GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 971.21)	0.1-10 mg/kg
	Lead		GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th Edition 997.15)	0.1-10 mg/kg

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
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## **II. DRUGS & PHARMACEUTICALS**

<b>1</b>	<b>Natural Drugs (medicinal &amp; plant preparations) Herbal and Ayurvedic Products</b>	Alachlor	GCLPL/QS/CRA/5.4/72(Revision No.0 & Issue No.1) (Issue Date:- 15/01/2011)	0.010 - 3.0 mg/kg
		Aldrin		0.010 - 3.0 mg/kg
		Dieldrin		0.010 - 3.0 mg/kg
		Azinphos Methyl	GCMSMS, LCMSMS (AOAC 970.52 19 <sup>th</sup> Ed. /TNO)	0.010 - 3.0 mg/kg
		Bromopropylate		0.010 - 3.0 mg/kg
		Cis-Chlordane		0.010 - 3.0 mg/kg
		Trans-Chlordane		
		Oxychlordane		
		Chlorfenvinphos		0.010 - 3.0 mg/kg
		Chlorpyriphos		0.010 - 3.0 mg/kg
		Chlorpyriphos- Methyl		0.010 - 3.0 mg/kg
		Cypermethrin		0.010 - 3.0 mg/kg
		DDT(all isomers- p,p-DDT, o,p-DDT, p,p-DDE, o,p-DDE, p,p-TDE(DDD), o,p-DDD)		0.010 - 3.0 mg/kg
		Deltamethrin	0.010 - 3.0 mg/kg	
		Diazinon	0.010 - 3.0 mg/kg	
		Dichlorovos	0.010 - 3.0 mg/kg	
		Alpha Endosulphan	0.010 - 3.0 mg/kg	
		Beta Endosulphan		
		Endosulphan Sulphate		
		Endrin	0.010 - 3.0 mg/kg	
Ethion	0.010 - 3.0 mg/kg			
Fenitrothion	0.010 - 3.0 mg/kg			
Fenvalarte	0.010 - 3.0 mg/kg			

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Natural Drugs (medicinal &amp; plant preparations) Herbal and Ayurvedic Products</b>	Heptachlor	GCLPL/QS/CRA/5.4/72(Revision No.0 & Issue No.1) (Issue Date:- 15/01/2011)	0.010 - 3.0 mg/kg
		Heptachlor Epoxide		0.010 - 3.0 mg/kg
		Hexachlorocyclohexane isomers (other than $\gamma$ -Alpha HCH, Beta HCH, Delta HCH)		0.010 - 3.0 mg/kg
		Methidathion	GCMSMS, LCMSMS (AOAC 970.52 19 <sup>th</sup> Ed. /TNO)	0.010 - 3.0 mg/kg
		Parathion – Methyl		0.010 - 3.0 mg/kg
		Cis-Permethrin		0.010 - 3.0 mg/kg
		Trans-Permethrin		
		Phosalone		0.010 - 3.0 mg/kg
		Pirimiphos-Methyl		0.010 - 3.0 mg/kg
		Pyrethrins (sum of Isomers- Pyrethrins I, Pyrethrins II)		0.010 - 3.0 mg/kg
		Quintozene		0.010 - 3.0 mg/kg
		Pentachloroaniline		
		Methyl pentachlorophenyl sulphide		
		Piperonyl butoxide	0.010 - 3.0 mg/kg	
		Fonofos	0.010 - 3.0 mg/kg	
		Dithiocarbamates (as CS <sub>2</sub> )	GCLPL/QS/CRA/5.4/15 (Revision No.2 & Issue No.1) (Issue Date:-28/07/2012) (UV/Vis Spectrophotometer)	1.0 5.0 mg/kg
		<b>Heavy Metals</b>		
	Lead (Pb)	GCLPL/QS/CRA/5.4/64	0.1 - 100 mg/kg	
	Cadmium (Cd)	Revision No.-3, Issue No.-1	0.1 - 10 mg/kg	
	Arsenic (As)	Date: – 3/7/2012 (AOAC 19th edition 997.15)	0.1 - 10 mg/kg	

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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Natural Drugs (medicinal &amp; plant preparations) Herbal and Ayurvedic Products</b>	Mercury (Hg)	GCLPL/QS/CRA/5.4/64 Revision No.-3, Issue No.-1 Date: – 3/7/2012 (AOAC 19th edition 971.21)	0.10-100 mg/kg
		Aflatoxin B1, B2, G1, G2 Aflatoxin Total	GCLPL/QS/CA/5.4/09 Issue No.: 4, Revision No.: 0 Date – 4/11/2010	0.1 – 100 mg/kg
<b>III.</b>	<b>WATER</b>			
<b>1</b>	<b>Potable &amp; Domestic Water</b>	Colour	APHA 2120 B 22 <sup>nd</sup> Ed. IS 3025 PART IV – 1983 (Reaffirmed 2006)	1 - 70 Hazen unit 1 - 70 Hazen unit
		Turbidity	APHA 2130 B 22 <sup>nd</sup> Ed. IS 3025 PART 10 – 1984 (Reaffirmed 2006)	0.1 - 10 NTU 0.1 - 10 NTU
		Odour	APHA 2150 B 22 <sup>nd</sup> Ed. IS 3025 PART 5 – 1983 (Reaffirmed 2006)	Odorless
		Taste	APHA 2160 C 22 <sup>nd</sup> Ed. IS 3025 PART 8 – 1984 (Reaffirmed 2006)	Tasteless
		Hydrogen ion Concentration (pH)	APHA 4500 H+B 22 <sup>nd</sup> Ed. IS 3025 PART 11 – 1983 (Reaffirmed 2006)	2 To 12

<b>Laboratory</b>	<b>Geo-Chem Laboratories (P) Ltd., Pragati Building, Near Crompton Greaves, Kanjur Marg (E), Mumbai, Maharashtra</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Potable &amp; Domestic Water</b>	Conductivity	APHA 2510 B 22 <sup>nd</sup> Ed.	1 - 10 $\mu$ S 10 - 10000 $\mu$ S
			IS 3025 PART 14 – 1984 (Reaffirmed 2006)	1 - 10 $\mu$ S 10 - 10000 $\mu$ S
		Calcium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.1 - 1000 mg/l 0.1 - 1000 mg/l
			IS 3025 PART 40– 1991 (Reaffirmed 2009)	1 mg/l - 1000 mg/l
			Magnesium	APHA 3120 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009)
	IS 3025 PART 46 – 1994 (Reaffirmed 2009)	1 mg/l - 1000 mg/l		
		Sodium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009)	0.100 – 1000 mg/l 0.100 – 1000 mg/l
			IS 3025 PART 45– 1993 (Reaffirmed 2009)	1 mg/l - 1000 mg/l
			Potassium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009)
	IS 3025 PART45– 1993 (Reaffirmed 2009)	1.0 - 1000 mg/l		



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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Potable &amp; Domestic Water</b>	Chlorides	APHA 4500 Cl B 22 <sup>nd</sup> Ed. IS 3025 PART 32 – 1988 (Reaffirmed 2009)	0.10 - 10000 mg/l 0.10 - 10000 mg/l
		Sulphates	APHA 4500 SO4-E 22 <sup>nd</sup> Ed. APHA 4500 SO4-C 22 <sup>nd</sup> Ed. IS 3025 PART 24 – 1986 (Turbidity Method) (Reaffirmed 2009)	1.0 - 10000 mg/l 1.0 - 10000 mg/l 1.0 - 10000 mg/l
			IS 3025 PART 24 – 1986 (Gravimetric Method) (Reaffirmed 2009)	10.0 – 10000 mg/l
			Bromide	APHA 4500 – Br B 22 <sup>nd</sup> Ed. IS 3025 PART 30 – 1988 (Reaffirmed 2009)
		Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 22 <sup>nd</sup> Ed. IS 3025 PART 21 – 2009	1.0 - 1000 mg/l 1.0 - 1000 mg/l
		Total Solids / Dry Residue / Non Volatile Residue.	APHA 2540 B 22 <sup>nd</sup> Ed. IS 3025 PART 15 – 1984 (Reaffirmed 2009)	1.0 - 10000 mg/l 1.0 - 10000 mg/l
			Nitrates as N/NO <sub>3</sub>	APHA 4500-NO <sub>3</sub> -B 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009)

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	<b>Potable &amp; Domestic Water</b>	Nitrites	APHA 4500-NO <sub>2</sub> -B 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009)	0.005 – 1 mg/l 0.005 – 1 mg/l
		Ammonium	APHA 4500 NH <sub>3</sub> F 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009) APHA 4500 NH <sub>3</sub> B & C 22 <sup>nd</sup> Ed.	0.075 – 2.0 mg/l 0.075 – 2.0 mg/l 1 mg/l – 1000 mg/l
		Total dissolved Solids	APHA 2540 C 22 <sup>nd</sup> Ed. IS 3025 PART 16 – 1984 (Reaffirmed 2006)	1 - 1000 mg/l 1 - 1000 mg/l
		KmnO <sub>4</sub> Oxidizability	APHA 4500 – O D 22 <sup>nd</sup> Ed.	0.075 - 2.0 mg/l
		Sulphide	APHA 4500 S <sub>2</sub> D 22 <sup>nd</sup> Ed. IS 3025 PART 29 – 1986 (Reaffirmed 2009)	0.025 - 20 mg/l 0.025 - 20 mg/l
		Mineral Oil /Total Oil and Grease	APHA 5520 C 22 <sup>nd</sup> Ed. IS 3025 PART 39 – 1991 (Reaffirmed 2009)	0.5 - 5.0 mg/l 0.5 - 5.0 mg/l
			IS 3025 PART 39- 1991 (Partition Gravimetric Method)	1.0 – 100 mg/l
		Phenols	IS 3025 PART 43 – 1992 (Reaffirmed 2009)	0.8 - 1000 µg/l

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	<b>Potable &amp; Domestic Water</b>	Surfactants / Anionic Surface Active Agents	APHA 5540 C 22 <sup>nd</sup> Ed. IS – 13428 - 2005 (Reaffirmed 2009)	0.025 - 5 mg/l 0.1 - 5 mg/l
		Fluoride	APHA 4500 F <sup>-</sup> D 22 <sup>nd</sup> Ed. IS 3025 PART 60- 2008	0.1 – 2.0 mg/l 0.1 – 2.0 mg/l
		Suspended solids	APHA 2540 D 22 <sup>nd</sup> Ed. IS 3025 PART-17 - 1984 (Reaffirmed 2006)	1 - 1000 mg/l 1 - 1000 mg/l
		Residual chlorine	APHA 4500 Cl F 22 <sup>nd</sup> Ed. APHA 4500 Cl G 22 <sup>nd</sup> Ed. IS – 3025 (Pt. 26) – 1986 (Reaffirmed 2009)	0.01 – 2.0 mg/l 0.01 – 2.0 mg/l 0.1 - 5.0 mg/l
		Total chloramines	IS – 3025 (Pt. 26) – 1986 (Reaffirmed 2009)	1.0 - 5.0 mg/l
		Cyanides	APHA 4500 CN- E 22 <sup>nd</sup> Ed. IS 3025 PART 27 – 1986 (Reaffirmed 2009)	0.005 – 2.0 mg/l 0.02 – 2.0 mg/l
		Alkalinity as HCO <sub>3</sub> /CaCO <sub>3</sub>	APHA 2320 B 22 <sup>nd</sup> Ed. IS 3025 Part 23 – 1986 (Reaffirmed 2009)	1 - 1000mg /l 1 - 1000mg /l
		Aluminium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 3025 P- 55 2003 (Reaffirmed 2009)	0.010 – 10.0 mg/l 0.010 – 10.0 mg/l 0.010 – 10.0 mg/l

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	<b>Potable &amp; Domestic Water</b>	Borate as B (Boron)	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010 – 10.0 mg/l 0.010 – 10.0 mg/l
			IS 3025 PART57 – 2005 (Reaffirmed 2009)	0.010 – 10.0 mg/l
			IS 13428 Annex – H 2005	1 - 5.0 mg/l
		Iron	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.01 - 5.0 mg/l 0.01 - 5.0 mg/l
			IS 3025 PART 53 – 2003 (Reaffirmed 2009)	0.01 - 5.0 mg/l
		Manganese	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.01 - 5.0 mg/l 0.01 - 5.0 mg/l
			IS 3025 PART 59 – 2006	0.05 - 2.0 mg/l
		Copper	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.01 - 5.0 mg/l 0.01 - 5.0 mg/l
			IS 3025 PART 42 – 1992 (Reaffirmed 2009)	0.01 - 5.0 mg/l
		Zinc	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.01 - 5.0 mg/l 0.01 - 5.0 mg/l
			IS 3025 PART 49 – 1994 (Reaffirmed 2009)	1.0 - 1000 mg/l
			IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010-100 mg/l

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	<b>Potable &amp; Domestic Water</b>	Barium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) Annex F-of IS – 13428	0.010 - 1000 mg/l 0.010-100 mg/l 0.5-10.0mg/l
		Silver	APHA 3120 B 22 <sup>nd</sup> Ed.	0.005 – 1.0 mg/l
			IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.005 – 1.0 mg/l
	IS-13428-2005-Annex-J (Reaffirmed 2009)		0.005 – 1.0 mg/l	
	Arsenic	APHA 3120 B 22 <sup>nd</sup> Ed.	0.005 – 1.0 mg/l	
		IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.005 – 1.0 mg/l	
		IS 3025 PART 37-1988 (Reaffirmed 2009)	0.004 – 1.0 mg/l	
	Beryllium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010- 1.0 mg/l 0.010 – 1.0 mg/l	
	Cadmium	APHA 3120 B 22 <sup>nd</sup> Ed.	0.003 – 1.0 mg/l	
		IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.003 – 1.0 mg/l	
		IS 3025 PART 41 – 1992 (Reaffirmed 2009)	0.001 – 1.0 mg/l	

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	<b>Potable &amp; Domestic Water</b>	Chromium	APHA 3120 B 22 <sup>nd</sup> Ed.	0.010 – 1.0 mg/l
			IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010 – 1.0 mg/l
			IS 3025 PART 52 – 2003 (Reaffirmed 2009)	0.010 – 1.0 mg/l
			IS-13428-2005 Annex-J (Reaffirmed 2009)	0.010 – 1.0 mg/l
		Mercury	APHA 3120 B 22 <sup>nd</sup> Ed.	0.001 - 1.0 mg/l
			IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.001 - 1.0 mg/l
			IS 3025 PART 48 – 1994 (Reaffirmed 2009)	0.0005 – 1.00 mg/l
		Nickel	APHA 3120 B 22 <sup>nd</sup> Ed.	0.010 – 1.0 mg/l
			IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010 – 1.0 mg/l
			IS 3025 PART 54 – 2003 (Reaffirmed 2009)	0.010 – 1.0 mg/l
			IS-13428-2005 Annex-L (Reaffirmed 2009)	0.010 – 1.0 mg/l
		Lead	APHA 3120 B 22 <sup>nd</sup> Ed.	0.005 – 5.0 mg/l
	IS 3025 PART 2 – 2004 (Reaffirmed 2009)		0.010 – 1.0 mg/l	
		IS 3025 PART 47 – 1994 (Reaffirmed 2009)	0.004 – 1.0 mg/l	
	Antimony	APHA 3120 B 22 <sup>nd</sup> Ed.	0.0025 – 1.0 mg/l	
		IS 3025 PART 2 – 2004. (Reaffirmed 2009)	0.0025 – 1.0 mg/l	
		IS-15303:2003 (Reaffirmed 2009)	0.002 – 1.0 mg/l	

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	<b>Potable &amp; Domestic Water</b>	Selenium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.005 – 1.0 mg/l 0.005 – 1.0 mg/l
			IS 3025 PART 56-2003 (Reaffirmed 2009)	0.004-1.0 mg/l
			IS-15303:2003 (Reaffirmed 2009)	0.004 – 1.0 mg/l
		Total Organic Carbon (TOC)	GCLPL/QS/CRA/5.4/90 (Revision No.2 & Issue No.0) (Issue Date:-02/04/2014)	5 - 1000 mg/L
		Bromate (as BrO <sub>3</sub> )	GCLPL/QS/CRA/5.4/91 (Revision No.2 & Issue No.0) (Issue Date:-02/04/2014)	0.005 – 1.0 mg/l
		Phosphorous	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 IS 3025 PART 31-1988	0.05 – 1000 mg/L 0.05 - 1000 mg/L 0.05 - 1000 mg/L
		Molybdenum	IS 3025 PART 2 – 2004	0.01- 1000 mg/L
<b>2.</b>	<b>Other than Potable &amp; Domestic</b>	Colour	APHA 2120 B 22 <sup>nd</sup> Ed. IS 3025 PART IV – 1983 (Reaffirmed 2006)	1 - 70 Hazen unit 1 - 70 Hazen unit
		Turbidity	APHA 2130 B 22 <sup>nd</sup> Ed. IS 3025 PART 10 – 1984 (Reaffirmed 2006)	0.1 - 10 NTU 0.1 - 10 NTU
		Odour	APHA 2150 B 22 <sup>nd</sup> Ed. IS 3025 PART 5 – 1983 (Reaffirmed 2006)	Odorless

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		Hydrogen ion Concentration (pH)	APHA 4500 H+B 22 <sup>nd</sup> Ed. IS 3025 PART 11 – 1983) (Reaffirmed 2006)	2 to 12
		Conductivity	APHA 2510 B 22 <sup>nd</sup> Ed.  IS 3025 PART 14 – 1984 (Reaffirmed 2006)	1 - 10 µS 10 - 10000 µS  1 - 10 µS 10 - 10000 µS
		Calcium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 3025 PART 40– 1991 (Reaffirmed 2009)	0.1 - 1000 mg/l 0.1 - 1000 mg/l  1 mg/l - 1000 mg/l
		Magnesium	APHA 3120 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009) IS 3025 PART 46 – 1994 (Reaffirmed 2009)	0.100 - 1000 mg/l 0.100 - 1000 mg/l  1 mg/l - 1000 mg/l
		Sodium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009) IS 3025 PART 45– 1993 (Reaffirmed 2009)	0.100 – 1000 mg/l 0.100 – 1000 mg/l  1 mg/l - 1000 mg/l
		Potassium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2– 2004 (Reaffirmed 2009) IS 3025 PART45– 1993 (Reaffirmed 2009)	0.1 - 1000 mg/l 0.1 - 1000 mg/l  1.0 - 1000 mg/l



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	<b>Other than Potable &amp; Domestic</b>	Chlorides	APHA 4500 Cl B 22 <sup>nd</sup> Ed. IS 3025 PART 32 – 1988 (Reaffirmed 2009)	0.10 - 10000 mg/l 0.10 - 10000 mg/l
		Sulphates	APHA 4500 SO <sub>4</sub> -E 22 <sup>nd</sup> Ed. APHA 4500 SO <sub>4</sub> -C 22 <sup>nd</sup> Ed. IS 3025 PART 24 – 1986 (Turbidity Method) (Reaffirmed 2009)	1.0 - 10000 mg/l 1.0 - 10000 mg/l 1.0 - 10000 mg/l
			IS 3025 PART 24 – 1986 (Gravimetric Method) (Reaffirmed 2009)	10.0 – 10000 mg/l
			Bromide	APHA 4500 – Br B 22 <sup>nd</sup> Ed. IS 3025 PART 30 – 1988 (Reaffirmed 2009)
		Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 22 <sup>nd</sup> Ed. IS 3025 PART 21 – 2009	1.0 - 1000 mg/l 1.0 - 1000 mg/l
		Total Solids / Dry Residue / Non Volatile Residue.	APHA 2540 B 22 <sup>nd</sup> Ed	1.0 - 10000 mg/l
			IS 3025 PART 15 – 1984 (Reaffirmed 2009)	1.0 - 10000 mg/l
	Nitrates as N/NO <sub>3</sub>	APHA 4500-NO <sub>3</sub> -B 22 <sup>nd</sup> Ed.	1 - 100 mg/l	
		IS 3025 PART 34 – 1988 (Reaffirmed 2009)	1 - 100 mg/l	

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	<b>Other than Potable &amp; Domestic</b>	Nitrites	APHA 4500-NO <sub>2</sub> -B 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009)	0.005 – 1 mg/l 0.005 – 1 mg/l
		Ammonium	APHA 4500 NH <sub>3</sub> F 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009) APHA 4500 NH <sub>3</sub> B & C 22 <sup>nd</sup> Ed.	0.075 – 2.0 mg/l 0.075 – 2.0 mg/l 1 mg/l – 1000 mg/l
		Total dissolved Solids	APHA 2540 C 22 <sup>nd</sup> Ed. IS 3025 PART 16 – 1984 (Reaffirmed 2006)	1 - 1000 mg/l 1 - 1000 mg/l
		KmnO <sub>4</sub> Oxidizability	APHA 4500 – O D 22 <sup>nd</sup> Ed.	0.075 - 2.0 mg/l
		Sulphide	APHA 4500 S <sub>2</sub> D 22 <sup>nd</sup> Ed. IS 3025 PART 29 – 1986 (Reaffirmed 2009)	0.025 - 20 mg/l 0.025 - 20 mg/l
		Mineral Oil /Total Oil and Grease	APHA 5520 C 22 <sup>nd</sup> Ed. IS 3025 PART 39 – 1991 (Reaffirmed 2009) IS 3025 PART 39- 1991 (Partition Gravimetric Method)	0.5 - 5.0 mg/l 0.5 - 5.0 mg/l 1.0 – 100 mg/l
		Phenols	IS 3025 PART 43 – 1992 (Reaffirmed 2009)	0.8 - 1000 µg/l
		Surfactants / Anionic Surface Active Agents	APHA 5540 C 22 <sup>nd</sup> Ed. IS – 13428 - 2005 (Reaffirmed 2009)	0.025 - 5 mg/l 0.1 - 5 mg/l

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<b>Other than Potable &amp; Domestic</b>	Fluoride		APHA 4500 F <sup>-</sup> D 22 <sup>nd</sup> Ed. IS 3025 PART 60- 2008	0.1 – 2.0 mg/l 0.1 – 2.0 mg/l
	Suspended solids		APHA 2540 D 22 <sup>nd</sup> Ed. IS 3025 PART-17 - 1984 (Reaffirmed 2006)	1 - 1000 mg/l 1 - 1000 mg/l
	Residual chlorine		APHA 4500 Cl F 22 <sup>nd</sup> Ed. APHA 4500 Cl G 22 <sup>nd</sup> Ed. IS 3025 (Pt. 26) – 1986 (Reaffirmed 2009)	0.01 – 2.0 mg/l 0.01 – 2.0 mg/l 0.1 - 5.0 mg/l
	Total chloramines		IS – 3025 (Pt. 26) – 1986 (Reaffirmed 2009)	1.0 - 5.0 mg/l
	Cyanides		APHA 4500 CN- E 22 <sup>nd</sup> Ed. IS 3025 PART 27 – 1986 (Reaffirmed 2009)	0.005 – 2.0 mg/l 0.02 – 2.0 mg/l
	Alkalinity as HCO <sub>3</sub>		APHA 2320 B 22 <sup>nd</sup> Ed. IS 3025 Part 23 – 1986 (Reaffirmed 2009)	1 - 1000mg /l 1 - 1000mg /l
	Aluminium		APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 3025 P- 55 2003 (Reaffirmed 2009)	0.010 – 10.0 mg/l 0.010 – 10.0 mg/l 0.010 – 10.0 mg/l



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	<b>Other than Potable &amp; Domestic</b>	Barium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) Annex F-of IS – 13428	0.010 - 1000 mg/l 0.010-100 mg/l 0.5-10.0mg/l
		Silver	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 13428-2005-Annex-J (Reaffirmed 2009)	0.005 – 1.0 mg/l 0.005 – 1.0 mg/l 0.005 – 1.0 mg/l
		Arsenic	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 3025 PART 37-1988 (Reaffirmed 2009)	0.005 – 1.0 mg/l 0.005 – 1.0 mg/l 0.004 – 1.0 mg/l
		Beryllium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010- 1.0 mg/l 0.010 – 1.0 mg/l
		Cadmium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009) IS 3025 PART 41 – 1992 (Reaffirmed 2009)	0.003 – 1.0 mg/l 0.003 – 1.0 mg/l 0.001 – 1.0 mg/l
		Chromium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010 – 1.0 mg/l 0.010 – 1.0 mg/l
			IS 3025 PART 52 – 2003 (Reaffirmed 2009) IS13428-2005 Annex-J (Reaffirmed 2009)	0.010 – 1.0 mg/l 0.010 – 1.0 mg/l



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	<b>Other than Potable &amp; Domestic</b>		IS 3025 PART 56-2003 (Reaffirmed 2009)	0.004-1.0 mg/l
			IS15303:2003 (Reaffirmed 2009)	0.004 – 1.0 mg/l
		Total Organic Carbon (TOC)	GCLPL/QS/CRA/5.4/90 (Revision No.2 & Issue No.0) (Issue Date:-02/04/2014)	5 - 1000 mg/L
		Bromate (as BrO3)	GCLPL/QS/CRA/5.4/91 (Revision No.2 & Issue No.0) (Issue Date:-02/04/2014)	0.005 – 1.0 mg/l
		Phosphorous	APHA 3120 B 22 <sup>nd</sup> Ed.	0.05 – 1000 mg/L
			IS 3025 PART 2 – 2004 IS 3025 PART 31-1988	0.05 - 1000 mg/L 0.05 - 1000 mg/L
		Molybdenum Silica as SiO2	IS 3025 PART 2 – 2004 APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.01- 1000 mg/L 0.1 - 1000 mg/l 0.1 - 1000 mg/l
		Dissolved Oxygen	APHA 4500-O-C 22 <sup>nd</sup> Ed. IS 3025 PART 38 – 1989 (Reaffirmed 2009)	0.1 - 100mg/l 0.1 - 100mg/l
		Free Carbon Dioxide	APHA 4500-CO <sub>2</sub> -C 22 <sup>nd</sup> Ed.	1 - 100 mg/l
		Total Kjeldahl Nitrogen	APHA 4500 – N org B 22 <sup>nd</sup> Ed. IS 3025 PART 34 – 1988 (Reaffirmed 2009)	1 - 1000 mg/l 1 - 1000 mg/l

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<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Other than Potable &amp; Domestic</b>	Acidity as CaCO <sub>3</sub>	APHA 2310 B 22 <sup>nd</sup> Ed. IS 3025 Part 22 – 1986	1 - 1000mg /l 1 - 1000mg /l
		COD	APHA 5220 B 22 <sup>nd</sup> Ed.	2 - 5000mg /l
		BOD	APHA 5210 B 22 <sup>nd</sup> Ed. IS 3025 PART-44 1993. (Reaffirmed 2009)	1 - 5000mg /l 1 - 5000mg /l
		Cobalt	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010-100 mg/l 0.010-100 mg/l
		Vanadium	APHA 3120 B 22 <sup>nd</sup> Ed. IS 3025 PART 2 – 2004 (Reaffirmed 2009)	0.010 – 1.0 mg/l 0.010 – 1.0 mg/l
		Organic matter	IS 3025 PART 18 – 1984 (Reaffirmed 2006)	1 - 1000 mg/L
		Inorganic matter	IS 3025 PART 18 – 1984 (Reaffirmed 2009)	1 - 1000 mg/L
		Colour retention of KmnO <sub>4</sub> (Oxidizable Matter )	IS 1070 – 1992 Annex A	1 min – 60 min
		Bicarbonate as CaCO <sub>3</sub>	IS-3025 PART-51 -2001	1 - 1000 mg/L
		Carbonate as CaCO <sub>3</sub>	IS-3025 PART-51 -2001	1 - 1000 mg/L



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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		<b>Polychlorinated Biphenyls (PCB)s</b>	GCLPL/QS/CRA/5.4/09 Based on Annex M of IS 13428/APHA 6630 B (Revision No.2 & Issue No.1) (Issue Date:-01/11/2012)	0.0001 - 0.01 mg/ l
		2,2',3,4,4',5,5'-Heptachlorobiphenyl		
		2,2',3,4,4',5'-Hexachlorobiphenyl		
		2,2',4,4',5,5'-Hexachlorobiphenyl	GC-ECD	
		2,2',5,5'-Tetrachlorobiphenyl		
		2,4,4'-Trichlorobiphenyl		
		2,6-Dichlorobiphenyl		
		<b>Polynuclear aromatic Hydrocarbons (PAH)</b>	GCLPL/QS/CRA/5.4/11 Based on APHA 6440 (Revision No.1 & Issue No.1) (Issue Date:-28/07/2012)	0.01-100 µg/L
		Acenaphthylene		
		Acenaphthene		
		Anthracene		
		Benzo(a)anthracene		
		Benzo(a)pyrene	GC-MS/MS	
		Benzo(b)fluoranthene		
		Benzo(g,h,i)perylene		
		Benzo(k)fluranthene		
		Chrysene		
		Dibenz(a,h)anthracene		
		Fluorene		
		Fluoranthene		
		Indeno(1,2,3,c,d)pyrene		
		Naphthalene		
		Phenanthrene		
		Pyrene		

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<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>15.05.2014</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		<b>Pesticide Residues</b>		
	o,p-DDT		GCLPL/QS/CRA/5.4/07,	0.000015 - 0.05 mg/ l
	p,p-DDT		(Revision No.2 & Issue No.1)	
	o,p-DDE		(Issue Date:-28/07/2012)	
	p,p-DDE		GCLPL/QS/CRA/5.4/08	
	o,p-DDD		(Revision No.1 & Issue No.1)	
	p,p-DDD		(Issue Date:-28/07/2012)	
	g – HCH (Lindane)		Based on AOAC 19th Ed.	
	Alpha - HCH		991.07/990.06/APHA6630BUSE	
	Delta - HCH		PA 8141A, 525.2, EPA 832/B	
	Beta-HCH		GC-MS/MS, LCMSMS, GC-ECD	
	Endosulfan Sulphate			
	Alpha Endosulphan			
	Beta Endosulphan			
	Aldrin			
	Dieldrin			
	Methyl parathion			
	Monocrotophos			
	Phorate Sulphoxide			
	Phorate Sulphone			
	2, 4 – D			
	Butachor			
	Isoproturon			
	Alachor			
	Atrazine			
	Malaxon			
	Methyl paraxon			
	Chlorpyrifos			
	Phorate			
	Malathion			
	Ethion			

