

<b>Laboratory</b>	<b>Shree Krishna Analytical Services, SKAS Pharma Pvt. Ltd., A-5/4, Mayapuri Industrial Area, Phase-II, New Delhi</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>11.09.2015</b>
<b>Certificate Number</b>	<b>T-1683</b>	<b>Valid Until</b>	<b>10.09.2017</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.</b>	<b>DRUGS &amp; PHARMACEUTICALS</b>			
<b>1.</b>	<b>Ammonium Chloride IP</b>	Identification	IP 2014 Page. 1049	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Calcium	IP 2014 Page. 1049	Qualitative (Complies/Does not Comply)
		Thiocyanate	IP 2014 Page. 1049	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1049, 1050	1.0% to 100.5%
<b>2.</b>	<b>Ascorbic Acid</b>	Identification (B,C&D)	IP 2014 Page. 1086	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Specific Optical Rotation	IP 2014 Page. 167, 168	(+) 20.5° to (+) 21.5°
		Light Absorption	IP 2014 Page. 139, 140	0.543 to 0.576
		Assay	IP 2014 Page. 1086	1.0% to 100.5%

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3.	Benzocaine IP	Identification (B,C&D)	IP 2014 Page. 1152	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Acidity or Alkalinity	IP 2014 Page. 1153	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1153	1.0 % to 101.0 %
4.	Benzyl Alcohol	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Refractive Index	IP 2014 Page. 203	1.536 to 1.542
		Weight per ml	IP 2014 Page. 208, 209	1.04 to 1.05
		Assay	IP 2014 Page. 1160, 1161	1% to 100.5 %
5.	Boric Acid IP	Identification (A&B)	IP 2014 Page. 1200	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Solubility in Ethanol	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1200	1.0% to 100.5%

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<b>6.</b>	<b>Cetrimide IP</b>	Identification (A,B,C,&D)	IP 2014 Page. 139, 1343	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Acidity or Alkalinity	IP 2014 Page. 1343	Qualitative (Complies/Does not Comply)
		Amine Salt	IP 2014 Page. 1343	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1343	1.0 % to 101.0 %
<b>7.</b>	<b>Citric Acid Monohydrate IP</b>	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Barium	IP 2014 Page. 1411	Qualitative (Complies/Does not Comply)
		Calcium	IP 2014 Page. 1411	Qualitative (Complies/Does not Comply)
		Iron	IP 2014 Page. 97	Qualitative (Complies/Does not Comply)

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	<b>Citric Acid Monohydrate IP</b>	Readily Carbonisable Substances	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1411	1.0 % to 101.0 %
<b>8.</b>	<b>Citric Acid (Anhydrous) IP</b>	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Barium	IP 2014 Page. 1410	Qualitative (Complies/Does not Comply)
		Calcium	IP 2014 Page. 1410	Qualitative (Complies/Does not Comply)
		Readily Carbonisable Subs.	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1410	1.0 % to 101.0 %
<b>9.</b>	<b>Clotrimazole IP</b>	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1443	1.0 % to 102.0 %
<b>10.</b>	<b>Cyproheptadine Hcl IP</b>	Assay	IP 2014 Page. 1490	1.0 % to 101.0 %

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11.	Dicyclomine Hcl IP	Assay	IP 2014 Page. 1557	1.0 % to 101.0 %
12.	Domperidone	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1612	1 % to 101.0 %
13.	Furazolidone IP	Assay	IP 2014 Page. 1837	1.0 % to 103.0 %
14.	Glycerin IP	Identification (B , C)	IP 2014 Page. 1870	Qualitative (Complies/Does not Comply)
		Identification (D)	IP 2014 Page. 203, 1870	R.I: 1.470 to 1.475
		Acidity or Alkalinity	IP 2014 Page. 1870	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Sugars	IP 2014 Page. 1870	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1870	1.0 % to 101.0 %

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<b>15.</b>	<b>Guaiphenesin IP</b>	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Chlorides & Monochlorohydrins	IP 2014 Page. 96, 1879	Qualitative (Complies/Does not Comply)
		Guaiacol	IP 2014 Page. 129, 130, 1879	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1879	1.0% to 101.5 %
<b>16.</b>	<b>Ibuprofen IP</b>	Identification (B & C)	IP 2014 Page. 139, 160	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Optical Rotation	IP 2014 Page. 167, 1942	(+) 0.05° to (-) 0.05°
		Assay	IP 2014 Page. 1943	1.0 % to 101.0 %
<b>17.</b>	<b>Iodine IP</b>	Identification (A & B)	IP 2014 Page. 1987	Qualitative (Complies/Does not Comply)
		Bromides & chlorides	IP 2014 Page. 1988	Qualitative (Complies/Does not Comply)

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	<b>Iodine IP</b>	Non-volatile Matter	IP 2014 Page. 1988	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 1988	1.0% to 100.5%
<b>18.</b>	<b>Lactic Acid IP</b>	Assay	IP 2014 Page. 2050	1.0% to 92.0%
<b>19.</b>	<b>Lignocaine Hcl IP</b>	Identification (B, C, & E)	IP 2014 Page. 87, 2096	Qualitative (Complies/Does not Comply)
		Identification D {Melting point}	IP 2014 Page. 164, 2096	226° to 232°
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 2096	1.0% to 101.0 %
<b>20.</b>	<b>Lactose IP</b>	Identification (B & C)	IP 2014 Page. 2051	Qualitative (Complies/Does not Comply)
		Acidity or Alkalinity	IP 2014 Page. 2051	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Specific Optical Rotation	IP 2014 Page. 167	(+)54.4 ° to (+)55.9 °

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	<b>Lactose IP</b>	Light Absorption	IP 2014 Page. 2051, 139	Solution-A NMT- 0.04 Solution-B NMT- 0.25 Solution-B1 NMT- 0.07
<b>21.</b>	<b>Methyl Salicylate IP</b>	Identification (A)	IP 2014 Page. 2197	Qualitative (Complies/Does not Comply)
		Identification (B)	IP 2014 Page. 2197	Melting point-156° to161°
		Acidity	IP 2014 Page. 2197	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Refractive Index	IP 2014 Page. 2197, 203	1.534 to 1.538
		Assay	IP 2014 Page. 2197	1.0 % to 100.5 %
<b>22.</b>	<b>Paracetamol IP</b>	Identification (B,C & D)	IP 2014 Page. 87, 139	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 2430	1.0 % to 101.0 %



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23.	Pyridoxine Hydrochloride IP	Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 2601	1.0 % to 101.0 %
24.	Pyrazinamide IP	Identification (B,C)	IP 2014 Page. 2597	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Acidity or Alkalinity	IP 2014 Page. 2597	Qualitative (Complies/Does not Comply)
		Related Substances	IP 2014 Page. 160, 2597	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 2597	1.0 % to 100.5 %
25.	Sodium Citrate IP	Identification A	IP 2014 Page. 87, 2746	Qualitative (Complies/Does not Comply)
		Acidity or Alkalinity	IP 2014 Page. 2746	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	<b>Sodium Citrate IP</b>	Tartrate	IP 2014 Page. 2747	Qualitative (Complies/Does not Comply)
		Readily Carbonisable Substance	IP 2014 Page. 87, 2747	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 2747	1.0 % to 101.0 %
<b>26.</b>	<b>Sucrose IP</b>	Identification	IP 2014 Page. 2802	Qualitative (Complies/Does not Comply)
		Acidity or alkalinity	IP 2014 Page. 2802, 2803	Qualitative (Complies/Does not Comply)
		Specific Optical Rotation	IP 2014 Page. 2803, 167	(+) 65.9° to (+) 67°
		Barium	IP 2014 Page. 2803	Qualitative (Complies/Does not Comply)
		Calcium	IP 2014 Page. 2803	Qualitative (Complies/Does not Comply)
		Dextrines	IP 2014 Page. 2803	Qualitative (Complies/Does not Comply)
		Glucose & Invert Sugar	IP 2014 Page. 2803	Qualitative (Complies/Does not Comply)

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	<b>Sucrose IP</b>	Colouring Matter (by chemical) (by UV light)	IP 2014 Page. 2803	Qualitative (Complies/Does not Comply)
<b>27.</b>	<b>Zinc Sulphate IP</b>	Identification	IP 2014 Page. 87, 3012	Qualitative (Complies/Does not Comply)
		Appearance of Solution	IP 2014 Page. 129, 130	Qualitative (Complies/Does not Comply)
		Assay	IP 2014 Page. 3013	1.0% to 104.0%
<b>28.</b>	<b>General</b>	Solubility	IP 2014 Page. 174	Qualitative (Complies/Does not Comply)
		pH	IP 2014 Page. 169	1.0 to 14.00
		Chloride {Limit Test}	IP 2014 Page. 96	Qualitative (Complies/Does not Comply)
		Sulphate {Limit Test}	IP 2014 Page. 98	Qualitative (Complies/Does not Comply)
		Arsenic {Limit Test}	IP 2014 Page. 96	Qualitative (Complies/Does not Comply)
		Heavy metals {Limit Test}	IP 2014 Page. 96	Qualitative (Complies/Does not Comply)

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	<b>General</b>	Specific Optical Rotation	IP 2014 Page. 167	0.05 °o 360 °
		Loss on drying	IP 2014 Page. 162	0.5 % to 70.0 %
		Sulphated Ash	IP 2014 Page. 98	0.1 % to 20.0 %
		Iron {Limit Test}	IP 2014 Page. 97	Qualitative (Complies/Does not Comply)
		Melting Range	IP 2014 Page. 164	50 ° C to 360 ° C
		Refractive Index	IP 2014 Page. 203	1.300 to 1.700
		Relative Density/Wt. per ml	IP 2014 Page. 208	Min 0.500 to Max 1.500
		Water	IP 2014 Page. 116	Min 0.05 %
<b>II. FERTILIZER PRODUCTS</b>				
<b>1.</b>	<b>Urea (46% N) Free Flowing</b>	Moisture	F.C.O 1985 Schedule II Part B 2(2)	0.5 % to 2.0 %
		Total Nitrogen	F.C.O 1985 Schedule II Part B3(4)	44 % to 46.63 %
<b>2.</b>	<b>Ammonium Sulphate</b>	Moisture	F.C.O 1985: 2014	0.2 % to 2.0 %
		Ammonical Nitrogen	F.C.O 1985: 2014	19.5 % to 22.0 %
		Free Acidity as (H <sub>2</sub> SO <sub>4</sub> )	F.C.O 1985: 2014	0.01 % to 03 %
		Sulphur as S	F.C.O 1985: 2014	21 % to 25.0 %

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3.	<b>Ammonium Chloride</b>	Moisture	F.C.O 1985: 2014	0.5 % to 3 %
		Ammonical Nitrogen	F.C.O 1985: 2014	24 % to 27 %
		Chloride other than Ammonium Chloride (as NaCl) on dry basis	F.C.O 1985: 2014	0.5 % to 3.0 %
4.	<b>Calcium Ammonium Nitrate 25% NS 26%</b>	Moisture	F.C.O 1985: 2014	0.2 % to 2.0 %
		Total Ammonical & Nitrate Nitrogen	F.C.O 1985: 2014	22 % to 28 %
		Ammonical Nitrogen	F.C.O 1985: 2014	11 % to 14 %
		Calcium Nitrate	F.C.O 1985: 2014	0.2 % to 1 %
5.	<b>Single Super Phosphate P<sub>2</sub>O<sub>5</sub> 14-16%</b>	Moisture	F.C.O 1985: 2014	5.0 % to 15 %
		Free Phosphoric Acid as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	1 % to 6 %
		Water Soluble Phosphate as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	12 % to 16 %
		Sulphur as S	F.C.O 1985: 2014	8 % to 13 %
6.	<b>Triple Super Phosphate</b>	Moisture	F.C.O 1985: 2014	5 % to 15 %
		Free Phosphoric Acid	F.C.O 1985: 2014	1 % to 10 %
		Total Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	40 % to 50 %
		Water Soluble Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	40 % to 45 %

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7.	<b>Rock Phosphate</b>	Total Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	15 % to 22 %
8.	<b>Bone Meal Raw</b>	Moisture	F.C.O 1985: 2014	1 % to 10 %
		Acid Insoluble Ash	F.C.O 1985: 2014	5 % to 15 %
		Total Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	15 % to 50 %
		2% Citric Acid Soluble Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	5 % to 15 %
		Nitrogen Content of Water Insoluble Portion	F.C.O 1985: 2014	1 % to 12 %
9.	<b>Single Super Phosphate 16% P<sub>2</sub>O<sub>5</sub> Granulated</b>	Moisture	F.C.O 1985: 2014	2 % to 10 %
		Free Phosphoric Acid as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	1 % to 6 %
		Water Soluble Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	12 % to 18 %
10.	<b>Diammonium Phosphate (DAP)</b>	Moisture	F.C.O 1985: 2014	0.5 % to 4.0 %
		Total Nitrogen	F.C.O 1985: 2014	15.0 % to 30.0 %
		Ammonical Nitrogen	F.C.O 1985: 2014	14.5 % to 18.0 %
		Total Nitrogen in the form of Urea	F.C.O 1985: 2014	0.5 % to 3.0 %
		Neutral Ammonium Citrate Soluble Phosphate as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	44.0 % to 48.0 %
		Water Soluble Phosphates as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	38.0 % to 45.0 %

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<b>11.</b>	<b>Ammonium Phosphate (14-28-0)</b>	Moisture	F.C.O 1985: 2014	0.5 % to 2.5 %
		Total Nitrogen	F.C.O 1985: 2014	12 % to 18 %
		Urea Nitrogen	F.C.O 1985: 2014	1 % to 8 %
		Ammonical Nitrogen	F.C.O 1985: 2014	6 % to 15 %
		Neutral Ammonium Citrate Soluble Phosphate	F.C.O 1985: 2014	25 % to 32 %
		Water Soluble Phosphate as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	20 % to 25 %
<b>12.</b>	<b>N.P.K. Complex Fertilizers</b>	Moisture	F.C.O 1985: 2014	0.5 % to 30 %
		Total Nitrogen	F.C.O 1985: 2014	8 % to 25 %
		Ammonical Nitrogen	F.C.O 1985: 2014	2 % to 12 %
		Neutral Ammonium Citrate Soluble Phosphate as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	8 % to 35 %
		Water Soluble Phosphate as P <sub>2</sub> O <sub>5</sub>	F.C.O 1985: 2014	5 % to 45 %
		Urea Nitrogen	F.C.O 1985: 2014	8 % to 20 %
<b>III. BUILDING MATERIAL</b>				
<b>1.</b>	<b>Soil</b>	Specific gravity	IS 2720 (Part 3) (RA 2002)	0.01 to 5.0
		Moisture/Water Content	IS 2720 (Part 2) 1173 (RA 2010)	0.1 % to 90.0 %
		Total Soluble Solids	IS 2720 (Part 21): 1997 (RA 2000)	0.1 % to 20.0 %

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	<b>Soil</b>	pH Value	IS 2720 (Part 26): 1987 (RA 1987)	1.0 to 14.0
<b>IV. FOOD AND AGRICULTURAL PRODUCTS</b>				
<b>A. Bakery and Confectionery Products</b>				
<b>1.</b>	<b>Biscuits</b>	Acid Insoluble ash	IS 1011: 2002 (RA 2009) Appendix C	0.1 % to 1.0 %
		Acidity of the extracted fat	Appendix D	0.05 % to 2.0 %
<b>2.</b>	<b>Bread Rusks</b>	Moisture	IS 8555: 1988, (RA 2005) IS 1011: 2002 (RA 2009) Appendix C	2 % to 15 %
		Acid Insoluble Ash	IS 1011: 2002 (RA 2009) Appendix C	0.02 % to 1.0%
		Acidity of Extracted Fat	IS 1011: 2002 (RA 2009) Appendix D	0.3 % to 2.0%
<b>3.</b>	<b>Chewing Gum/Bubble Gum</b>	Moisture	IS 6747: 1981 (RA 2005) IS 6287: 1985 (RA 1999) Clause 5	1.0 % to 10.0 %
		Gum base	IS 6747: 1981, (RA 2005)	5.0 % to 40.0 %
		Sulphated Ash	IS 6287: 1985 (RA 1999) Clause 6	0.5 % to 15.0 %
		Acid Insoluble Ash	IS 6287: 1985 (RA 1999) Clause 7	0.05 % to 10.0 %



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<b>B.</b>	<b>Cereal Products</b>			
<b>1.</b>	<b>Besan</b>	Moisture	IS 2400: 1976 (RA 2010)	5 % to 15 %
		Total Ash	IS 1009: 1968 Appendix A IS 1009: 1968 Appendix B	1 % to 8 %
		Acid Insoluble Ash	IS 1009: 1968 Appendix C	0.1 % to 1.0 %
		Protein	IS 7219: 1973	10 % to 25 %
<b>2.</b>	<b>Corn Flakes</b>			
		Moisture	IS 1158: 1973 (RA 2010) Appendix A	1.0 % to 15 %
		Total Ash(Excluding NaCl)	Appendix B	0.05 % to 10 %
		Acid Insoluble Ash	Appendix. C	0.01 % to 2.0%
		Alcoholic Acidity	Appendix. E	0.01 % to 2.0%
<b>3.</b>	<b>Corn Flour</b>			
		Total Ash	IS 1005: 1992, RA 1997 IS 4706 (Part 2): 1978 (RA 2005) Clause. 6	0.1 % to 2.0 %
		Acid Insoluble Ash	IS 4706 (Part 2): 1978 (RA 2005) Clause. 8	0.01 % to 2.0 %
		Protein	IS 4706 (Part II): 1978 (RA 2005) Clause. 10	0.1 % to 10.0 %
		Alcoholic Acidity	IS 4706 (Part 2): 1978 (RA 2005) Clause. 15	0.01 % to 1.0%

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4.	Maida	Moisture	IS 1009: 1979 (RA 2010) Appendix A	0.01 % to 20.0%
		Acid Insoluble Ash	Appendix C	0.01 % to 1.0 %
		Alcoholic Acidity	Appendix E	0.01 % to 1.0 %
5.	Macaroni/ Vermicelli	Moisture	IS 1485: 1993 (RA 2005) Annexure C	0.1 % to 15.0 %
		Total Ash	Annexure D	0.1 % to 2.0 %
		Acid Insoluble Ash	Annexure E	0.1 % to 2.0 %
6.	Namkeens	Moisture	IS 15271-2003 Appendix B	1.0 % to 15.0%
		Acid Insoluble Ash	Appendix C	0.05 % to 10.0 %
		Fat	Appendix D	10 % to 60 %
7.	Semolina (Suji)	Total Ash	IS 1010: 1968 Appendix C	0.1 % to 10.0 %
		Acid Insoluble Ash	Appendix D	0.01 % to 0.1%
		Alcoholic Acidity	Appendix F	0.001 % to 0.1 %
8.	Wheat Atta	Total Ash	IS 1155: 1968, RA 2010 Appendix B	0.01 % to 5.0 %
		Acid Insoluble Ash	Appendix C	0.02 % to 1.0 %
		Alcoholic Acidity	Appendix F	0.01 % to 1.0 %

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<b>C.</b>	<b>Edible Starch and Starch Products</b>			
<b>1.</b>	<b>Custard Powder</b>		IS 1007: 1984, RA 2012	
		Total Ash	IS 4706 (Part 2): 1978 (RA 2005) Clause 6	0.10 % to 5.0 %
		Acid Insoluble Ash	IS 4706 (Part 2): 1978 (RA 2005) Clause 8	0.01 % to 2.0 %
	<b>Food Processing Aids and Food Additives</b>			
<b>2.</b>	<b>Synthetic Syrup</b>	Total Soluble Solids	IS 4935: 1968 IS 3882: 1966 (RA 2001) Appendix B	60 % to 75 %
	<b>Milk and Milk Products</b>			
<b>3.</b>	<b>Fresh Milk</b>	Total Fat	IS 1479: 1960 (RA 2003) IS 1224: 1977 (RA 2009)	1 % to 8 %
		Total Solids not Fat	IS 1183: 1957	5 % to 15 %
<b>4.</b>	<b>Paneer</b>	Moisture	IS 10484: 1983 (RA 1999) IS 10484: 1983 (RA 1999) Appendix A	40 % to 70 %
		Milk Fat	IS 10484: 1983 (RA 1999) Appendix B	40 % to 55 %
		Titration acidity	IS 10484: 1983 (RA 1999) Appendix C	0.1 % to 1.0 %

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<b>D.</b>	<b>Miscellaneous</b>			
<b>1.</b>	<b>Black Tea</b>	Total Ash	IS 3633: 2003 IS 13854: 1994 (RA 1999)	3 % to 10 %
		Acid Insoluble Ash	IS 13857: 1993 (RA 1998)	0.2 % to 1.5 %
		Water Extract	IS 13862: 1999	28 % to 38 %
<b>2.</b>	<b>Iodized Salt</b>	Moisture	IS 7224: 2006 IS 7224: 2006 Annexure A	0.7 % to 5 %
		Chloride Content as NaCl	IS 7224: 2006 Annexure D	90 % to 99 %
		Iodine Content	IS 7224: 2006 Annexure H	10 ppm to 40 ppm
<b>3.</b>	<b>Tomato Ketchup</b>	Total Soluble Solids	IS 3882: 1966 (RA 2001) IS 3882: 1966 (RA 2001) Appendix B	20 % to 30 %
		Acidity as Acetic Acid	IS 2860: 1964 (RA 2008) Clause 10	0.5 % to 3.0%
<b>E.</b>	<b>Oil and Fats</b>			
<b>1.</b>	<b>Refined Edible Oils</b>	Moisture	IS 548: 1964 (RA 2010) IS 548: 1964 (RA 2010) Clause 5	0.05 % to 3.0%
		Free Fatty Acid as Oleic Acids	IS 548: 1964 (RA 2010) Clause. 7	0.05 % to 3.01%
		Peroxide Value	IS 548: 1964 (RA 2010) Clause 20	(0.5 mg to 20 mg)/ 1000g

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<b>F.</b>	<b>Spices and Condiments</b>			
<b>1.</b>	<b>Black Pepper Powder</b>	Total Ash	IS 1798: 2010 IS 1797: 1985 (RA 2009) Clause 6	0.5 % to 10.0 %
		Acid Insoluble Ash	IS 1797: 1985 (RA 2009) Clause 8	0.05 % to 2.0 %
		Non-Volatile Ether Extract	IS 1797: 1985 (RA 2009) Clause 14	1.0 % to 10.0 %
<b>2.</b>	<b>Chilies Powder</b>	Total Ash	IS 2322: 2010 IS 1797: 1985 (RA 2009) Clause 6	1.0 % to 10.0 %
		Acid Insoluble Ash	IS 1797: 1985 (RA 2009) Clause 8	0.05 % to 2.0 %
		Non-Volatile Ether Extract	IS 1797: 1985 (RA 2009) Clause 14	1.0 % to 20 %
<b>3.</b>	<b>Garam Masala</b>	Total Ash	IS 13545: 1993 (RA 2012) IS 1797: 1985 Clause 6	5 % to 10 %
		Acid Insoluble Ash	IS 1797: 1985 Clause 8	0.1 % to 2.0 %
		Non Volatile ether extract	IS 1797: 1985 Clause 14	8 % to 20.0 %
		Volatile Oil	IS 1797: 1985 Clause 15	(1.0 ml to 3.0 ml)/ 100 g
<b>4.</b>	<b>Turmeric Powder</b>	Moisture	IS 3576: 2010 IS 1797: 1985 (RA 2009) Clause 9	1.0 % to 15.0 %

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	<b>Turmeric Powder</b>	Total Ash	IS 1797: 1985 (RA 2009) Clause 6	0.5 % to 12.0 %
		Acid Insoluble Ash	IS 1797: 1985 (RA 2009) Clause 8	0.05 % to 2.0 %
<b>G. Tobacco and Tobacco Products</b>				
<b>1.</b>	<b>Chewing Tobacco Zarda Type</b>	Moisture	IS 2344: 1994 IS 9379: 2008	1.0 % to 10.0 %
		Total Ash	IS 5643: 1999 (RA 2004) Clause. 10	0.5 % to 25.0 %
		Acid Insoluble Ash	IS 5643: 1999 (RA 2004) Clause. 11	0.5 % to 3.0 %
<b>V. WATER</b>				
<b>1.</b>	<b>Potable Water</b>	Turbidity	IS 3025 (Part 10) (RA 2006)	1 NTU to 100 NTU
		Total Dissolved Solids	IS 3025 (Part 16) (RA 2006)	20 mg/l to 50000 mg/l
		Calcium hardness	IS 3025 (Part 40) (RA 2009)	2 mg/l to 500 mg/l
		Residual Chlorine	IS 3025 (Part 26) (RA 2009)	0.2 mg/l to 10 mg/l
		Acidity	IS 3025 (Part 22) (RA 2009)	2 mg/l to 200 mg/l
		Alkalinity	IS 3025 (Part 23) (RA 2009)	2 mg/l to 500 mg/l
		Chloride	IS 3025 (Part 32) (RA 2009)	2 mg/l to 1000 mg/l
		pH	IS 3025 (Part 11) (RA 2006)	2 to 14

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	<b>Potable Water</b>	Total Hardness	IS 3025 (Part 21) (RA 2006)	2 mg/l to 1000 mg/l
		Dissolved Oxygen	IS 3025 (Part 38) (RA 2009)	0.2 mg/l to 10 mg/l
		Sulphate	IS 3025 (Part 24) (RA 2009)	0.1 mg/l to 400mg/l
		Oil & Grease	IS 3025 (Part 39) (RA 2009)	4 mg/l to 100 mg/l
		Total Solids	IS 3025 (Part 15) (RA 2009)	10 mg/l to 10000 mg/l
		Total Suspended Solid	IS 3025 (Part 17) (RA 2006)	10 mg/l to 10000 mg/l

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