

Laboratory Dove Research & Analytics, Plot No. 298, Industrial Area, Phase-II, Panchkula, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 31.07.2015

Certificate Number T-2541 **Valid Until** 30.07.2017

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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
I.	FOOD & AGRICULTURAL PRODUCTS			
1.	Bakery and confectionery Products			
a.	Biscuits	Moisture content	IS 1011: 2009	(0.5 g to 5.0 g)/100 g
		Acid insoluble ash	IS 1011: 2009	(0.01 g to 0.05 g)/100g
		Total Ash	IS 1011: 2009	NMT 1.50 %/ 100 g
		Acidity of extracted fat as oleic acid	IS 1011: 2009	(0.2 g to 1.2 g)/100 g
		Protein	IS 4706 (Part 2): 1978	(0.20 g to 25.0 g)/100 g
		Fat	IS 12711: 1989	(0.1 g to 50.0 g)/100 g
		Physical Parameters		
		Appearance	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
		Taste & Odour	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
		Flavor	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
		Baking	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test

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	Biscuits	Texture	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
		Insect Infestation	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
		Foreign Matter	FSSAI MANUAL (2006) / SOP-FS011 Rev No. R (Eff. Date. 20/08/2015)	Qualitative Test
b.	Bread Rusk	Moisture	IS 1011: 2002	(1.0 g to 25.0 g)/100 g
		Total Ash	IS 12711: 1993	(0.1 g to 5.0 g)/100 g
		Total Fat	IS 12711: 1993	(1.0 g to 30.0 g)/100 g
		Acid Insoluble Ash	IS 1011 : 2002	(0.01 g to 0.5 g)/100 g
		Acidity of extracted fat as oleic acid	IS 1011 : 2002	(0.1 g to 2.0 g)/100 g
		Alcoholic Acidity as H ₂ SO ₄	IS 12711: 1993	(0.1 g to 5.0 g)/100 g
c.	Cake	Moisture	IS 9712 : 1981 IS 1011: 2002	(15.0 g to 25.0 g)/100 g
		Total solid content	IS 12711: 1993	(1.0 g to 30 g)/100 g
		Total Ash	IS 12711: 1993	NMT 0.70 g/100 g
		Total Fat	IS 12711: 1993	(1.0 g to 12.0 g)/100 g

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	Cake	Acid Insoluble Ash	IS 12711: 1993	NMT 0.10 g /100 g
		Acidity of extracted fat as oleic acid	IS 9712 : 1981	(0.1 g to 2.0 g)/100 g
		Alcoholic Acidity as H ₂ SO ₄	IS 12711: 1993	(0.1 g to 5.0 g)/100 g
2.	Milk and dairy products			
a.	Milk	Total Solids	IS 1479 (Part 2): 1960	(5.0 g to 20.0 g)/100 g
		Titration acidity as lactic acid	IS 1479 (Part 2): 1960	(0.1 g to 1.0 g)/100 g
		Fat	IS 10083: 1982	(0.1 g to 6.0 g)/100 g
		Solid Not Fat (SNF)	IS 10083: 1982	(0.1 g to 6.0 g)/100 g
		Cane sugar	FSSAI MANUAL (2006) SOP-FS011 Rev No. R Eff. Date. 20/08/2015	Qualitative (Present/Absent)
		Starch	FSSAI MANUAL (2006) SOP-FS011 Rev No. R Eff. Date. 20/08/2015	Qualitative (Present/Absent)
		Urea	FSSAI MANUAL (2006) SOP-FS011 Rev No. R Eff. Date. 20/08/2015	Qualitative (Present/Absent)

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	Milk	Sodium chloride	FSSAI MANUAL (2006) SOP-FS011 Rev No. R Eff. Date. 20/08/2015	Qualitative (Present/Absent)
		Total Nitrogen	IS 1479 (Part 2): 1964	NMT 5.00 g/100 g
		Protein	IS 1479 (Part 2): 1964	NMT 34 g/100 g
b.	Infant Foods	Moisture	IS 1547: 1968	NMT 4.5 g/100 g
		Total Ash	IS 1547: 1968	NMT 8.5 g/100 g
		Acid Insoluble Ash	IS 1547: 1968	NMT 0.1 g/100 g
		Fat	IS 11721: 2005	NMT 18.0
c.	Condensed Milk	Fat	IS 11721: 2005	(0.01 g to 15 g)/100 g
		Titration acidity	IS 1166: 1986	NMT 5.00 g/100 g
		Total Milk Solids	IS 1479 (Part 2)	(0.01 g to 10 g)/100 g
d.	Ice Cream	Total Fat	IS 11721: 2005	(0.1 g to 30.0 g)/100 g
		Total solids	IS 2802: 1964 (RA 2009)	(0.1 g to 70.0 g)/100 g
		Acidity as lactic acid	IS 2802: 1964 (RA 2009)	(0.1 g to 1.0 g)/100 g
e.	Paneer	Moisture content	IS 10484: 1983	(1 g to 80 g)/100 g
		Milk Fat	IS 10484: 1983	(1 g to 70 g)/100 g
		Titration Acidity	IS 10484: 1983	(0.1 g to 5 g)/100 g

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f.	Ghee	Moisture Content	IS 3508: 1966	(0.1 g to 0.5 g)/100 g
		BR Value at 40 °C	IS 3508: 1966	40 to 44
		Acid value	IS 3508: 1966	0.10 to 2.0
		Free Fatty Acids	IS 3508: 1966	NMT 0.4 g/100 g
		Reichert Value	IS 3508: 1966	NLT 24
		Peroxide Value	IS 3508: 1966	NMT 0.6 meq/kg
		Saponification Value	IS 3508: 1966	NLT 250
		Refractive Index at 40°C	IS 3508: 1966	1.4481 to 1.4491
		Polenskey Value	IS 3508: 1966	NLT 13
		Iodine Value	IS 3508: 1966	(7.5 g to 10 g)/100 g
	Acidity	IS 3508: 1966	NMT 1.5 g/100 g	
3.	Oil, fats and related products			
a.	Oil , fats and fat emulsions	Acid value	IS 548 (Part 1): 1996	NMT 6.0
		Saponification Value	IS 548 (Part 1): 1996	150 to 300
		Free Fatty Acid	IS 548 (Part 1): 1996	NMT 0.3 g/100 g
		Moisture	IS 548 (Part 1): 1996	NMT 0.4

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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
	Oil , fats and fat emulsions	Peroxide Value	IS 548 (Part 1): 1996	NMT 0.5 meq/kg
		Refractive index at 40°C	IS 548 (Part 1): 1996	1.33298 to 1.56999
		Iodine Value	IS 548 (Part 1): 1996	76 to 112
		Reichert Value	IS 548 (Part 1): 1996	NLT 28
		Polenskey Value	IS 548 (Part 1): 1996	NLT 13
4.	Spices and Condiments			
a.	Cardamom, Chilies & Capsicum, Cinnamon, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mustard, Nutmeg, Pepper Black, Poppy, Safron, Ajwain, Mango powder, Garlic, Edible common Salt, Dried Mango Slices	Water Insoluble Ash	IS 1797: 1985 (RA 2009)	(0.1 g to 10.0 g)/100 g
		Total Ash on dry basis	IS 1797: 1985 (RA 2009)	(1.0 g to 15.0 g)/100 g
		Alcohol soluble extract	IS 1797: 1985 (RA 2009)	(0.1 g to 20.0 g)/100 g
		Cold water soluble extract	IS 1797: 1985 (RA 2009)	(1.0 g to 40.0 g)/100 g
		Crude fiber (dry basis)	IS 1797: 1985 (RA 2009)	(1.0 g to 30.0 g)/100 g
		Salt as Sodium Chloride	IS 1797: 1985 (RA 2009)	(1.0 g to 20.0 g)/100 g
		Acid Insoluble Ash in dilute HCl on dry basis	IS 1797: 1985 (RA 2009)	(1.0 g to 5.0 g)/100 g
	Moisture Content	IS 1797: 1985 (RA 2009)	(1 g to 20 g)/100 g	
b.	Turmeric Powder	Starch (on Dry Basis)	IS 1797: 1985	(40.0 g to 60.0 g)/100 g

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5.	Tea and tea products	Total Ash	IS 13854: 1994	(1.0 g to 20 g)/100 g
		Water soluble Ash	IS 13854: 1994	NLT 45.0 g/100 g
		Acid Insoluble Ash	IS 13854: 1994	NMT 1.00 g/100 g
		Moisture content	IS 13854: 1994	(0.1 g to 20 g)/100 g
6.	Fruits & Vegetables Products			
a.	Jam/Fruit Crushes, squashes, Fruit Syrups, Fruit Sharbatss, Murabas, Marmalade, Fruit Jelly	Total Soluble Solids	IS 5861: 1993	1.0 to 100.0
		Acidity (As Citric acid/Acetic acid/lactic acid/L-Tartaric acid and Malic acid)	IS 2860:1694	(0.1 g to 30 g)/100 g
		Moisture content	IS 2860: 1964	(0.1 g to 100 g)/100 g
		Acid insoluble ash	IS 2860: 1964	(0.01 g to 1.5 g)/100 g
		Sulphur Dioxide	IS 4706 (Part 2): 1978	NMT 30 ppm
b.	Pickles	Drained Weight	IS 3501: 1966	Not Less than 60 g/100 g
		Sodium Chloride Content(as NaCl)	IS 3501: 1966	Not Less than 12.0 g/100 g
		Acidity as Citric Acid, Acetic Acid	IS 3501: 1966	Not Less than 1.2 g/100 g

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c.	Tomato Ketchup/ Tomato Sauces	Total Soluble Solids	IS 3882: 1966	(1 g to 90 g)/100 g
		Acidity (As Citric acid, Acetic Acid)	IS 3882: 1966 IS 2860: 1964	(1 g to 1.5 g)/100 g
		Salt (As NaCl)	IS 2860: 1964	(2 g to 4 g)/100 g
		pH	IS 3882: 1966	(1 g to 13 g)/100 g
d.	Dehydrated Fruits & Vegetables products (onion seasoning powder)	Moisture content	IS 2860: 1964	(0.1 g to 10 g)/100 g
		Total Ash	IS 1797: 1985 (RA 2001)	(0.1 g to 5 g)/100 g
		Ash insoluble in Dil. HCl	IS 1797: 1985	(0.1 g to 5 g)/100 g
		Sulphur Dioxide	IS 4706 (Part 2): 1978	0.1 ppm to 300 ppm
7.	Cereal & Cereal Products			
a.	Maida	Moisture Content	IS 1009: 1979	NMT 13.0 g/100 g
		Total Ash	IS 1009: 1979	NMT 0.7 g/100 g
		Acid Insoluble ash	IS 1009: 1979	NMT 0.05 g/100 g
		Alcoholic Acidity	IS 1009: 1979	NMT 0.1 g/100 g
b.	Wheat	Moisture Content	IS 1155: 1968	NMT 12.0 g/100 g
		Total Ash	IS 1155: 1968	NMT 0.7 g/100 g

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II. DRUGS & PHARMACEUTICALS

A.	Raw Materials (Common Tests)	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Identification Test		
		By IR	IP 2014, Page 134	Qualitative Test
		By TLC	IP 2014, Page 160	Qualitative Test
		By Chemical	IP 2014, Page 87	Qualitative Test
		Arsenic	IP 2014, Vol. I Page. 96	Qualitative Test
		Iron	IP 2014, Vol. I Page. 97	Qualitative Test
		Chloride	IP 2014, Vol. I Page. 94	Qualitative Test
		Sulphate	IP 2014, Vol. I Page. 98	Qualitative Test
		Sulphated Ash	IP 2014, Vol. I Page. 98	Min 0.01 % w/w
		Loss on Drying	IP 2014, Vol. I Page. 162	Min 0.05 % w/w
		Melting range	IP 2014, Vol. I Page. 158	80 °C to 350 °C
		Weight per ml	IP 2014, Vol. I Page. 198	(0.98 g to 1.20 g)/ml
		Acid Value	IP 2014, Vol. I Page. 97	1.00 to 16.00
		Saponification value	IP 2014, Vol. I Page. 108	10.00 to 300.00
		Heavy Metal as Lead	IP 2014, Vol. I Page. 90	Qualitative Test
		Water	IP 2014, Vol. I Page. 116	(0.5 % to 32.0 %) w/w

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	Raw Materials (Common Tests)	Specific optical rotation	IP 2014, Vol. I Page. 167	(-)180 ° to (+)180 °
		Clarity & colour of solution	IP 2014, Vol. I Page. 115	Qualitative Test
		pH	IP 2014, Vol. I Page. 165	1 to 14
		Light Absorption	IP 2014, Vol. I Page. 110	Qualitative Test
		Solubility	IP 2014, Vol. I Page. 196	Qualitative Test
		Residual Solvent	USP 37 Page.217	For IPA 100 ppm to 7500 ppm For MDC Qualitative Test (Less than 600 ppm)
B.	Raw Materials			
1.	Amlodipine Besilate IP	Assay by HPLC	IP 2014 Page. 1045	80.0 % to 120.0 %
		RS by HPLC	IP 2014 Page. 1045	NMT 0.03 %
2.	Amoxicillin Trihydrate	Assay by HPLC	IP 2014 Page. 1050	80.0 % to 120.0 %
3.	Ampicillin Trihydrate	Assay by HPLC	IP 2014 Page. 1062	80.0 % to 120.0 %
4.	Ascorbic Acid	Assay by titration	IP 2014 Page. 1086	80.0 % to 120.0 %
5.	Bromhexine Hydrochloride	Assay by Potentiometric titration	IP 2014 Page. 1202	80.0 % to 120.0 %

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6.	Caffeine	Assay by Potentiometric titration	IP 2014 Page.1237	80.0 % to 120.0 %
7.	Cefixime Trihydrate	Assay by HPLC	IP 2014 Page.1305	80.0 % to 120.0 %
8.	Cetirizine Hydrochloride	Assay by Potentiometric titration	IP 2014 Page.1339	80.0 % to 120.0 %
9.	Chlorpheniramine Maleate	Assay by Potentiometric titration	IP 2014 Page.1375	80.0 % to 120.0 %
10.	Clotrimazole	Assay by titration	IP 2014 Page.1442	80.0 % to 120.0 %
11.	Citric Acid Monohydrate	Assay by titration	IP 2014 Page.1410	80.0 % to 120.0 %
12.	Diclofenac Sodium	Assay by Potentiometric titration	IP 2014 Page.1550	80.0 % to 120.0 %
		Related Substances by HPLC	IP 2014 Page.1550	NMT 0.5 %
13.	Domperidone	Assay by titration	IP 2014 Page.1612	80.0 % to 120.0 %
		RS By HPLC		NMT 1.0
14.	Guiaphenesin	RS by HPLC	IP 2014 Page.1878	NMT 1.0
15.	Metformin HCl	Assay by titration	IP 2014 Page.2186	80.0 % to 120.0 %
16.	Nicotinamide	Assay by titration	IP 2014 Page.2332	(70.0 % to 130.0 %) w/w
17.	Ofloxacin	Assay by titration	IP 2014 Page.2367	80.0 % to 120.0 %

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18.	Paracetamol	Assay by titration	IP 2014 Page.2429	80.0 % to 120.0 %
19.	Povidone iodine	Assay by titration	IP 2014 Page. 2530	7.20 % to 14.40 %
20.	Pyridoxine HCl	Assay by titration	IP 2014 Page.2601	(80.0 % to 120.0 %) w/w
21.	Riboflavin	Assay	IP 2014 Page. 2657	(80.0 % to 120.0 %) w/w
22.	Riboflavin sod. Phosphate	Assay	IP 2014 Page.2657	(58.0 % to 95.0 %) w/w
23.	Terbutaline Sulphate	Assay by titration	IP 2014 Page.2841	80.0 % to 120.0 %
		RS by HPLC	IP 2014 Page. 2841	NMT 0.4 %
24.	Tinidazole	Assay by titration	IP 2014 Page.2875	80.0 % to 120.0 %
25.	Zinc sulphate	Assay by titration	IP 2014 Page.3012	80.0 % to 120.0 %
26.	Finished Products (General tests)	Average weight	IP 2014 Page.256	50 mg to 1200 mg
		Uniformity of weight / volume	IP 2014 Page. 256	50 mg to 1200 mg
		Disintegration test	IP 2014 Page. 251	Less than 1.00 min to 2.00 hrs
		Water	IP 2014 Page. 251	(0.5 % to 20.0 %) w/w
		pH	IP 2014 Page. 251	1.0 to 14.0
		Dissolution	IP 2014 Page. 253	15.00 % to 100.00 %
		Uniformity of Content	IP 2014 Page. 959	60.00 % to 120.00 %

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C.	Tablets (Individual Formulations)			
1.	Aceclofenac Tablets	Assay By HPLC	IP 2014 Page. 982	(70.0 % to 130.0 %) w/w
2.	Aciclovir Dispersible Tablets	Assay by UV	IP 2014 Page. 989	(70.0 % to 130.0 %) w/w
3.	Aciclovir Tablets	Assay by UV	IP 2014 Page. 992	(70.0 % to 130.0 %) w/w
		Guanine by TLC		Qualitative Test
		RS by TLC		Qualitative Test
4.	Albendazole Tablets	Assay by Titration	IP 2014 Page. 1006	(70.0 % to 130.0 %) w/w
5.	Allopurinol Tablets	Assay by UV	IP 2014 Page. 874	(70.0 % to 130.0 %) w/w
6.	Alprazolam Prolonged-release Tablets	Assay by HPLC	IP 2014 Page. 1016	(70.0 % to 130.0 %) w/w
7.	Alprazolam Tablets	Assay by HPLC	IP 2014 Page. 1017	(70.0 % to 130.0 %) w/w
8.	Amlodipine Tablet	Assay by HPLC	IP 2014 Page. 1048	(70.0 % to 130.0 %) w/w
9.	Amoxicillin Trihydrate Tablets	Assay By HPLC	IP 2014 Page. 1046	(70.0 % to 130.0 %) w/w
10.	Amoxicillin Trihydrate and Potassium Clavulanate Tablets	Amoxycillin Assay by HPLC	IP 2014 Page. 1013	(70.0 % to 130.0 %) w/w
		Potassium clavulanate Assay by HPLC	IP 2014 Page. 1059	(70.0 % to 130.0 %) w/w

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11.	Ascorbic Acid Tablets	Assay by titration	IP 2014 Page.1087	(70.0 % to 130.0 %) w/w
12.	Atenolol Tablets	Assay By titration	IP 2014 Page. 1097	(70.0 % to 130.0 %) w/w
13.	Atorvastatin Calcium Tablets IP	Assay by HPLC RS by HPLC	IP 2014 Page. 1100	(70.0 % to 130.0 %) w/w NMT 4.00 %
14.	Azithromycin Tablets	Assay by HPLC RS by HPLC	IP 2014 Page. 1121	(70.0 % to 130.0 %) w/w NMT 2.00 %
15.	Cefixime Tablets	Assay by HPLC	IP 2014 Page. 1307	(70.0 % to 130.0 %) w/w
16.	Cefpodoxime Proxetil Tablets	Assay by HPLC	IP 2014 Page. 1315	(70.0 % to 130.0 %) w/w
17.	Cetirizine Tablets	Assay by HPLC	IP 2014 Page. 1341	(70.0 % to 130.0 %) w/w
18.	Chlorpromazine Tablets	Assay by UV RS by TLC	IP 2014 Page.1378 IP 2014 Page.1378	(70.0 % to 130.0 %) w/w Qualitative Test
19.	Chlorthalidone Tablet	Assay by UV RS by TLC	IP 2014 Page. 1382	(70.0 % to 130.0 %) w/w Qualitative Test
20.	Ciprofloxacin Tablet	Assay by HPLC	IP 2014 Page. 1403	(70.0 % to 130.0 %) w/w

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21.	Co-trimoxazole Tablets	Trimethorprim Assay by UV	IP 2014 Page.3573	(70.0 % to 130.0 %) w/w
		Sulphamethoxazole assay by Titration		(70.0 % to 130.0 %) w/w
22.	Diclofenac Gastro-resistant Tablet	Assay by HPLC	IP 2014 Page. 1552	(70.0 % to 130.0 %) w/w
		RS by HPLC		NMT 2.00 %
23.	Diclofenac Prolonged release Tablet	Assay by HPLC	IP 2014 Page. 1553	(70.0 % to 130.0 %) w/w
		RS by HPLC		NMT 2.00 %
24.	Diclofenac Sodium Tablets	Assay by UV	IP 2014 Page. 1552	(70.0 % to 130.0 %) w/w
25.	Domperidone Tablets	Assay by HPLC	IP 2014 Page. 1614	(70.0 % to 130.0 %) w/w
		RS by HPLC		NMT 2.00 %
26.	Enalapril Maleate Tablets	Assay by HPLC	IP 2014 Page. 1656	(70.0 % to 130.0 %) w/w
27.	Ferrous Fumarate Tablets	Assay by Chemical analysis	IP 2014 Page. 1342	(70.0 % to 130.0 %) w/w
28.	Fluconazole Tablets	Assay by HPLC	IP 2014 Page. 1769	(70.0 % to 130.0 %) w/w
29.	Fluoxetine Tablets	Assay by HPLC	IP 2014 Page. 1795	(70.0 % to 130.0 %) w/w
		RS by HPLC		NMT 2.00 %

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30.	Folic acid Tablets	Assay by HPLC	IP 2014 Page. 1822	(70.0 % to 130.0 %) w/w
		RS by HPLC Hydrolysis products N-(4-aminobenzyl) L-glutamic acid) 4-amino benzoic acid	IP 2014 Page. 1822	Qualitative test Qualitative test Qualitative test
31.	Frusemide Tablets	Assay by UV	IP 2014 Page. 1835	(70.0 % to 130.0 %) w/w
32.	Hydrochlorothiazide and Losartan Potassium Tablets	RS by HPLC	IP 2014 Page. 2125	NMT 2.00 %
33.	Hydrochlorothiazide Tablets	Assay by UV	IP 2014 Page. 1901	(70.0 % to 130.0 %) w/w
		RS by TLC	IP 2014 Page. 1901	Qualitative Test
34.	Imipramine Tablets	Assay by UV	IP 2014 Page. 1954	(70.0 % to 130.0 %) w/w
		RS by TLC		Qualitative test
		Inorganic Nitrates by TLC		Qualitative test
35.	Lithium Carbonate Prolonged-release Tablets	Assay by Titration	IP 2014 Page. 2108	(70.0 % to 130.0 %) w/w
36.	Lithium Carbonate Tablets	Assay by Titration	IP 2014 Page. 2108	(70.0 % to 130.0 %) w/w
37.	Lorazepam Tablets	Assay by UV	IP 2014 Page. 2121	(70.0 % to 130.0 %) w/w
		RS by TLC		Qualitative test

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38.	Losartan potassium and Amlodipine Tablets	Assay by HPLC	IP 2014 Page. 2124	(70.0 % to 130.0 %) w/w
39.	Losartan Potassium Tablets	Assay by HPLC	IP 2014 Page. 2123	(70.0 % to 130.0 %) w/w
40.	Metformin HCl Tablets	Assay by UV RS by HPLC Dicyanamide Any other impurity	IP 2014 Page. 2187	(70.0 % to 130.0 %) w/w Qualitative Qualitative
41.	Metoclopramide Tablets	Assay by UV RS by TLC	IP 2014 Page. 2212	(70.0 % to 130.0 %) w/w Qualitative Test
42.	Nebivolol Tablet	Assay by HPLC	IP 2014 Page. 2311	(70.0 % to 130.0 %) w/w
43.	Nitrofurantoin Tablets	Assay by UV RS by TLC	IP 2014 Page. 2334	(70.0 % to 130.0 %) w/w Qualitative test
44.	Ofloxacin Tablets	Assay by HPLC	IP 2014 Page. 2369	(70.0 % to 130.0 %) w/w
45.	Ondansetran HCl Tablets	Assay by HPLC RS by HPLC	IP 2014 Page. 2380	(70.0 % to 130.0 %) w/w NMT 1.00 %
46.	Ornidazole Tablets	Assay by Chemical analysis RS by HPLC	IP 2014 Page. 2386	(70.0 % to 130.0 %) w/w NMT 1.00 %

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47.	Pantoperazole sustained release Tablets	Assay by HPLC	IP 2014 Page. 2428	(70.0 % to 130.0 %) w/w
48.	Paracetamol Tablets	Assay by UV	IP 2014 Page. 2434	(70.0 % to 130.0 %) w/w
49.	Phenobarbitone Sodium Tablets	Assay chemically	IP 2014 Page. 2472	(70.0 % to 130.0 %) w/w
50.	Phenobarbitone Tablets	Assay chemically	IP 2014 Page. 2470	(70.0 % to 130.0 %) w/w
51.	Phenytoin Tablets	Assay by UV	IP 2014 Page. 2487	(70.0 % to 130.0 %) w/w
52.	Promethazine Theoclate Tablets	Assay by UV RS by TLC	IP 2014 Page. 2574	(70.0 % to 130.0 %) w/w Qualitative test
53.	Rabeperazole sodium Tablets	Assay by HPLC	IP 2014 Page. 2631	(70.0 % to 130.0 %) w/w
54.	Tinidazole Tablets	Assay by UV	IP 2014 Page. 2876	(70.0 % to 130.0 %) w/w
55.	Verapamil Tablets	Assay by UV	IP 2014 Page. 2966	(70.0 % to 130.0 %) w/w
56.	Zinc Sulphate Tablets	Assay by titration	IP 2014 Page. 3014	(70.0 % to 130.0 %) w/w
D.	CAPSULES			
1.	Amoxicillin capsules	Assay By HPLC	IP 2014 Page. 1065	(70.0 % to 130.0 %) w/w
2.	Ampicillin capsules	Assay By HPLC	IP 2014 Page. 1063	(70.0 % to 130.0 %) w/w

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3.	Azithromycin Capsules	Assay by HPLC	IP 2014 Page. 1118	(70.0 % to 130.0 %) w/w
		RS by HPLC		0.10 % to 3.00 %
		Azithromycin Impurity A		1.50 % to 4.50 %
		Sum of all impurities		
		RS by TLC		Qualitative test
4.	Fluconazole Capsules	Assay by HPLC	IP 2014 Page. 1768	(70.0 % to 130.0 %) w/w
5.	Fluoxetine HCl Capsules	Assay by HPLC	IP 2014 Page.1792	(70.0 % to 130.0 %) w/w
		RS by HPLC	IP 2014 Page.1792	NMT 1.00 %
6.	Omeprazole capsules	Assay by HPLC	IP 2014 Page. 2373	(70.0 % to 130.0 %) w/w
E.	Oral Suspension/Syrup/Solution			
1.	Albendazole Oral Suspension	Assay by HPLC	IP 2014 Page. 1005	(70.0 % to 130.0 %) w/w
		RS by HPLC		NMT 2.00 %
2.	Amoxicillin oral suspension	Assay By HPLC	IP 2014 Page. 1057	(70.0 % to 130.0 %) w/w
3.	Azithromycin oral suspension	Assay by HPLC	IP 2014 Page. 1120	(70.0 % to 130.0 %) w/w
4.	Cefpodoxime proxetil oral suspension	Assay by HPLC	IP 2014 Page. 1317	(70.0 % to 130.0 %) w/w

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5.	Co-trimoxazole Oral suspension	Trimethoprim Assay by UV	IP 2014 Page. 2923	(70.0 % to 130.0 %) w/w
		Sulphamethoxazole assay by Photometric	IP 2014 Page. 2923	(70.0 % to 130.0 %) w/w
6.	Glycerin	Identification A by IR	IP 2014 Page. 1873	Qualitative Test
		Acidity or alkalinity		Qualitative Test
		Heavy Metals		Qualitative Test
		Iron		Qualitative Test
		Chloride		Qualitative Test
		Sulphate		Qualitative Test
		Aldehydes & reducing substances		Qualitative Test
		Ester (by titration)		Qualitative Test
		Ethylene glycol & RS		Qualitative Test
Sugars		Qualitative Test		
	Sulphated Ash		Qualitative Test	

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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
	Glycerin	Assay by titration	IP 2014 Page. 1873	(0.06 % to 0.50 %) w/w (70.0 % to 130.0 %) w/w
7.	Hydrogen Peroxide solution	Assay by titration	IP 2014 Page. 1912	(20.8 % to 33.6 %) w/w
8.	Metoclopramide Syrup	Assay by UV	IP 2014 Page. 2212	(70.0 % to 130.0 %) w/w
9.	Metronidazole Benzoate Oral suspension	Assay potentiometrically	IP 2014 Page. 2217	(70.0 % to 130.0 %) w/w
10.	Ondesteron syrup	Assay by HPLC	IP 2014 Page. 2378	(70.0 % to 130.0 %) w/w
11.	Paracetamol Oral Suspension	Assay by HPLC RS by HPLC	IP 2014 Page. 2431	(70.0 % to 130.0 %) w/w
		4-amino phenol		0.05 % to 0.15 %
		4-chloroacetanilide		5 ppm to 15 ppm
		Any other impurity		0.125 % to 0.375 %
12.	Paracetamol Paediatric Oral Suspension	Assay by HPLC RS by HPLC	IP 2014 Page. 2432	(70.0 % to 130.0 %) w/w
		4-amino phenol		0.05 % to 0.15 %
		4-chloroacetanilide		5 ppm to 15 ppm
		Any other impurity		0.125 % to 0.375 %

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13.	Paracetamol syrup	Assay by HPLC	IP 2014 Page. 2433	(70.0 % to 130.0 %) w/w
14.	Povidone Iodine ointment	Assay by Potentiometer	USP 37 Page. 4382	(70.0 % to 130.0 %) w/w
		Assay by Titration	IP 2014 Page. 2530	(70.0 % to 130.0 %) w/w
15.	Povidone Iodine Solution	Assay by Titration	IP 2014 Page. 2530	(70.0 % to 130.0 %) w/w
16.	Promethazine Syrup	Assay by UV	IP 2014 Page. 2572	(70.0 % to 130.0 %) w/w
17.	Salbutamol Syrup	Assay by UV	IP 2014 Page. 2703	(70.0 % to 130.0 %) w/w
18.	Sodium valproate oral suspension	Assay by Titration	IP 2014 Page. 3013	(70.0 % to 130.0 %) w/w
F.	Injections/Infusions			
1.	Amoxicillin Injection	Assay By HPLC	IP 2014 Page. 1053	(70.0 % to 130.0 %) w/w
2.	Ceftriaxone sodium Injection	Assay by HPLC	IP 2014 Page. 1329	(70.0 % to 130.0 %) w/w
3.	Cefuroxime sodium injection	Assay by HPLC	IP 2014 Page. 1017	(70.0 % to 130.0 %) w/w
4.	Diclofenac sodium injection	Assay by HPLC	IP 2014 Page. 1200	(70.0 % to 130.0 %) w/w
5.	Meropenem Injection	Sodium content by AAS	IP Addendum 2012	5.00 to 15.00%

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6.	Water for injection/ Sterile water for injection	Acidity or alkalinity	IP 2014 Page. 2989	Qualitative Test
		Ammonium		Qualitative Test
		Calcium & magnesium		Qualitative Test
		Heavy metals		Qualitative Test
		Chlorides		Qualitative Test
		Nitrates		Qualitative Test
		Sulphates		Qualitative Test
	Aluminum		Qualitative Test	
G.	Creams/Ointment/Gel			
1.	Aciclovir Cream	Assay by UV	IP 2014 Page. 988	(70.0 % to 130.0 %) w/w
		Guanine by TLC		Qualitative Test
2.	Clotrimazole cream/ gel	Assay By HPLC	IP 2014 Page. 1443	(70.0 % to 130.0 %) w/w
3.	Lignocaine Gel	Assay by titration	IP 2014 Page. 2098	(70.0 % to 130.0 %) w/w
H.	Ophthalmic/Nasal Preparations			
1.	Ofloxacin Ophthalmic solution	Assay by HPLC	IP 2014 Page. 2370	(70.0 % to 130.0 %) w/w

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I. POWDERS				
1.	Oral Rehydration Salts (ORS powder)	Assay of Total sodium by Flame photometer	IP 2014 Page. 2381	(70.0 % to 130.0 %) w/w
		Total potassium by Flame photometer	IP 2014 Page. 2381	(70.0 % to 130.0 %) w/w
		Total chloride by titration	IP 2014 Page. 2381	(70.0 % to 130.0 %) w/w
		Total citrate by titration	IP 2014 Page. 2381	(70.0 % to 130.0 %) w/w
		Dextrose by Polarimeter	IP 2014 Page. 2381	(70.0 % to 130.0 %) w/w
III. WATER				
1.	Purified / Raw/ Drinking Water Testing (Chemical)	Acidity or Alkalinity	IP 2014 Page. 2988	Qualitative Test
		Ammonium	IP 2014 Page. 2988	Qualitative Test
		Calcium and Magnesium	IP 2014 Page. 2988	Qualitative Test
		Heavy metals	IP 2014 Page. 2988	Qualitative Test
		Chlorides	IP 2014 Page. 2988	Qualitative Test
		Nitrates	IP 2014 Page. 2988	Qualitative Test
		Sulphates	IP 2014 Page. 2988	Qualitative Test
		Oxidisable substances	IP 2014 Page. 2988	Qualitative Test
		Aluminum	IP 2014 Page. 2988	Qualitative Test

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