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Accreditation Standard	**ISO/IEC 17025: 2005**
Certificate Number	**TC-7912** **Page 1 of 5**
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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection

CHEMICAL TESTING

I.	**DRUGS & PHARMACEUTICALS**			
		General Test		
1.	**Raw Material (Drug Substances (API))**	Loss on drying	IP App 2.4.19Pg. 208 BP Appendix IX D USP <731>Pg.No.565	0.05 % to 60 % w/w
		Melting Point/Range	IP App 2.4.21Pg209 BPAppendix V A USP<741>Pg.No.576	30°C to 300°C
		pH	IP App 2.4.24Pg. 215 BPAppendix V L USP<791>Pg.No.614	1 to 14
		Sulphated Ash/ Residue on ignition	IP App 2.3.18Pg. 140 BP Appendix IX A USP<281>Pg.No.286	0.05% to 20% w/w
		Loss on ignition	IP App 2.4.20Pg. 209 USP<733>Pg.No.566	0.05% to 25% w/w
		Refractive Index	IP App 2.4.27Pg. 251 BP Appendix V E USP <831>Pg.No.695	1.342 to 1.522
		Relative Density/ Weight/ml/ Specific Gravity	IP App 2.4.29 Pg. 256 BP Appendix V G USP <841>Pg.No.695	0.852g/ml to 1.300 g/ml
		Water by Karl fisher	IP App 2.3.43 Pg 156 BP Appendix IX C USP <921>Pg.No.750	0.1% to 30 %w/w
		Arsenic	IP App 2.3.10 Pg. 138 BP Appendix VII USP <211>Pg.No.248	Qualitative
		Sulphate	IP App 2.3.17 Pg. 140 BP Appendix VII	Qualitative

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		Chloride	IP App 2.3.12 Pg. 138 BP Appendix VII	Qualitative
		Iron	IP App 2.3.14 Pg. 139 BP Appendix VII	Qualitative
		Boiling Range	IP App 2.4.8 Pg. 185 BP Appendix V D	30°C to 300°C
		Identification by IR	IP App 2.4.6 178 BP Appendix II A	Qualitative
2.	**API**	**Specific Test**		
A.	**Domperidone**	Assay by Titration	IP Pg.No.1877 BP Pg.No.0559	90% to 105%w/w
B.	**Sodium Saccharine**	Assay by Titration	IP Pg.No.3158 BP Pg.No.1427 USP Pg.No.5773	90% to 105%w/w
C.	**Paracetamol**	**Related substances by HPLC** 4-chloroacetanilide - 4- aminophenol- 4-Nitrophenol- Any other impurity - Total Unknown impurity	IP Pg.no 2853 BP Pg.No.1208	0.1mg/kg to 100mg/kg, 0.1mg/kg to 100 mg/kg 0.0001% to 0.02%w/w 0.0001% to 1%w/w 0.01% to 1%w/w
D.	**Sildenafil Citrate**	Assay by HPLC	IP Pg.No.3189 USP Pg.No.5840	90% to 105%w/w
3.	**Excipient**	**Specific Test**		
A.	**Stearic Acid**	Assay by GC	IP Pg.No.3259 BP Pg. No. 1552	Stearic Acid 40% to 100% w/w, Sum of Stearic Acid & Palmitic Acid 90 to 100%w/w
B.	**Magnesium Stearate**	Fatty Acid composition/content of Stearic acid & Palmitic acid	IP Pg.No.2489 BP Pg.No. 0977	Stearic Acid 40% to 100% w/w, Sum of Stearic Acid & Palmitic Acid 90 to 100%w/w

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C.	**Menthol**	Related substances by GC	IP Pg.No.2528	0.01% to 5.00%w/w
		General Test		
		Disintegration Time (using Apparatus A)	IP App 2.5.1 Pg. 251-252 BP Appendix XII A USP <701> Pg.No.537	1 seconds to 180 minutes
4.	**Formulation**			
		Specific Test		
A.	**Metformin Tablets**	Dissolution by UV	IP Pg.No. 2548 BP Pg.No. 800	60% to 120%w/w of label claim
		Assay by UV	IP Pg.No. 2548 BP Pg.No. 800	80% to 120%w/w of label claim
B.	**Paracetamol Tablets**	**Related Substances By HPLC** 4-Chloroacetanilide- 4-Aminophenol- Any Other Impurity	IP Pg.No. 2858 BP Pg.No. 958	 0.1 mg / kg to 100 mg/kg 0.0005% to 1%w/w 0.0005% to 2.5%w/w
		Assay by UV		80% to 120%w/w of label claim
C.	**Loperamide Capsules**	Dissolution by HPLC	IP Pg.No. 2454- BP Pg.No. 4595	60% to 120%w/w of label claim
D.	**Oral Liquid**			
E.	**Albendazole Suspension**	Assay by HPLC	IP Pg. No. 1169-1170 USP Pg.No46	80% to 120%w/w of label claim
		Residual solvents by GC	**SOP No. QC/GEN/018**	
		Betamethasone Dipropionate		
		Dichloromethane		1 mg/lit to 5000 mg/lit
		Methanol		1 mg/lit to 3000 mg/lit
		Ethanol		1 mg/lit to 5000 mg/lit
		Chloroform		1 mg/lit to 600 mg/lit
		Ethyl acetate		1 mg/lit to 5000 mg/lit
		Acetone		1 mg/lit to 5000 mg/lit

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II.	**COSMETICS & ESSENTIAL OIL**			
1.	**Shampoo**	pH at 25°c	IS 7884-2004 (Amendment 2008 & 2012) SOP No.(QC/GEN/016)	1 to 14
		Non Volatile Alcohol Soluble Matter	IS 7884-2004 (Amendment 2008 & 2012) SOP No.(QC/GEN/016)	1% to 30% w/w
2.	**Skin Cream**	pH at 25°C	IS 6608-2004 SOP No.(QC/GEN/015)	1 to 14
		Total Residue	IS 6608-2004 SOP No.(QC/GEN/015)	1% to 50% w/w
		Total Fatty Substances Content	IS 6608-2004 SOP No.(QC/GEN/015)	1% to 50% w/w
3.	**Face Pack**	Type-1 pH at 25°c, Solid Content Type-2 pH at 25°c, Solid Content	IS 15153-2002 (Type 1-Paste/ Type 2-Powder) SOP No.(QC/GEN/012)	1 to 14 1% to 50% w/w
A.	**Skin Powder**			
1.	**Body Powder**	pH of Aqueous suspension at 25°c	IS 3959-2004 SOP No.(QC/GEN/014)	1 to 14
		Moisture & Volatile Matter	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w
		Residue on 75 micron Is sieve	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w
		Residue on 150 micron is sieve	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w
		Matter insoluble in boiling water	IS 3959-2004 SOP No.(QC/GEN/014)	1% to 100% w/w
2.	**Face powder**	pH of Aqueous suspension at 25°c	IS 3959-2004 SOP No.(QC/GEN/014)	1 to 14
		Moisture & Volatile Matter	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w

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		Residue on 75 micron Is sieve	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w
		Residue on 150 micron is sieve	IS 3959-2004 SOP No.(QC/GEN/014)	0.01% to 20% w/w
		Matter insoluble in boiling water	IS 3959-2004 SOP No.(QC/GEN/014)	1% to 100% w/w
III.	**SOAP DETERGENT & TOILETRIES**			
1.	**Soap**	Total Fatty matter	IS 286-1978 (R1991) Amendment 5 2011 SOP No.(QC/GEN/013)	1% to 100% w/w