

Laboratory	Quality Control Laboratory, Haffkine Bio-Pharmaceutical Corporation Limited, Acharya Donde Marg, Parel, Mumbai, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	05.04.2014
Certificate Number	T-2919	Valid Until	04.04.2016
Last Amended on	-	Page	1 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	DRUGS & PHARMACEUTICALS			
1.	Drug Intermediates and Raw Materials			
a.	Magnesium chloride	Acidity Alkalinity Identification of Magnesium and chloride Appearance of solution Arsenic Heavy metals Sulphates Iron Calcium Assay (Complexometry)	As per IP 2014 (Page 2139, 2140)	Qualitative Visual observation Qualitative Qualitative Qualitative Qualitative Qualitative Quantitative 80% to 120%
b.	Potassium Chloride	Acidity Alkalinity Appearance of solution Arsenic Heavy Metals Iron Sulphates Barium	As per IP 2014 (Page 2520)	Qualitative Visual observation Qualitative Qualitative Qualitative Qualitative Qualitative Qualitative
c.	Calcium Chloride	Acidity Alkalinity Appearance of solution Arsenic Heavy Metals	As per IP 2014 (Page 1249)	Qualitative Visual observation Qualitative Qualitative Qualitative

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		Iron Sulphates Barium Assay (Complexometry)	As per IP 2014 (Page 1249)	Qualitative Qualitative Qualitative 80% to 120%
d.	Magnesium Sulphate	Acidity Alkalinity Appearance of solution Arsenic Heavy Metals Iron Chlorides Assay (Complexometry)	As per IP 2014 (Page 2144)	Qualitative Visual observation Qualitative Qualitative Qualitative Qualitative Qualitative 80% to 120%
e.	Potassium dihydrogen orthophosphate	Iron Loss on drying	In-house, Ref STP No.:- QC(C)/PV/009 Rev. No. 06 Effective Date: 1 st Feb. 2013	Qualitative Not more than 0.1% to 30%
f.	Sodium bicarbonate	Appearance of solution Arsenic Heavy metals Iron Sulphates Chlorides	As per IP 2014 (Page 2738, 2739)	Qualitative Qualitative Qualitative Qualitative Qualitative Qualitative

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Last Amended on - **Page** 3 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
g.	Sodium Metabisulphite	Arsenic Heavy metals Iron	As per IP 2014 (Page 2760)	Qualitative Qualitative Qualitative
h.	Phenol Red	Arsenic	In-house, Ref STP No. QC(C)/PV/012 Rev No. 06 Effective Date: 1 st Feb. 2013	Qualitative
II.	WATER			
1.	Medicinal Purposes			
a.	Purified Water	Heavy Metals Sulphates Chlorides	In-house, Ref STP No. QC(C)/PV/102 Rev. No. 04 Effective Date: 12th May. 2014	Qualitative Qualitative Qualitative
III.	RUBBER & SYNTHETIC RUBBER			
1.	Rubber stoppers	Acidity Alkalinity Heavy Metals	ISO-8362/In-house, Ref STP No. QC(C)/PV/073, Rev No. 05 Effective Date: 4 th Feb. 2013 .	Qualitative Visual observation Qualitative
IV.	GLASS			
1.	Glass Vials	Arsenic	As per IP 2014 (Page 891)	Qualitative

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