



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	ZINC GLUCONATE EP
CAS NO.		:	4468-02-4
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or almost white, hygroscopic, crystalline powder.	
2.	Solubility	Soluble in water, practically insoluble in anhydrous ethanol and in methylene chloride.	
3.	Identification A Thin-layer chromatography Identification B A white precipitate is formed that does not dissolve upon the addition of 5 mL of hydrochloric acid.	To pass test To pass test	
4.	Appearance of solution	Solution S is not more opalescent than reference suspension II and not more intensely coloured than reference solution Y6.	
5.	Sucrose and reducing sugars	To Pass test (No red precipitate is formed)	
6.	Chloride	Max. 500 ppm	
7.	Sulfates (SO ₄)	Max. 500 ppm	
8.	Cadmium	Max. 1 ppm	
9.	Lead	Max. 2 ppm	
10.	Thallium	Max. 2 ppm	
11.	Water	Max. 12.0 %	
12.	Assay % (Anhydrous basis)	98.0 % – 102.0 %	