



SPECIFICATIONS
GRADE: USP

PRODUCTS NAME		:	ZINC GLUCONATE USP
CAS NO.		:	4468-02-4
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or practically white powder or granules	
2.	Solubility	Soluble in water, Very Slightly soluble in alcohol	
3.	Identification A Test for Zinc	To pass test	
	Identification B Thin-layer chromatography	To pass test	
4.	Assay % (Anhydrous basis)	97.0 % – 102.0 %	
5.	Chloride	NMT 0.05%	
6.	Sulfates (SO ₄)	NMT 0.05%	
7.	Arsenic	NMT 3 ppm	
8.	Limit of Lead	NMT 10 ppm	
9.	Limit of Cadmium	NMT 5 ppm	
10.	Reducing Substances	NMT 1.0 %	
11.	pH	5.5 – 7.5	
12.	Water Determination	NMT 11.6 %	