



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	MAGNESIUM GLUCONATE EP
CAS NO.		:	3632-91-5
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or almost white, amorphous, hygroscopic, crystalline or granular powder.	
2.	Solubility	Freely soluble in water, slightly soluble in ethanol (96 per cent), very slightly soluble in methylene chloride.	
3.	Identification A Thin-layer chromatography Identification B A white precipitate is formed that does not dissolve upon the addition of 2 mL of dilute ammonia.	To pass test To pass test	
4.	Appearance of solution	Solution S is clear and not more intensely colored than reference solution Y ₇ .	
5.	Sucrose and reducing sugars	No red precipitate is formed	
6.	Chloride	Max. 500 ppm	
7.	Sulfates (SO ₄)	Max. 500 ppm	
8.	Water	Max. 12.0 %	
9.	Microbial contamination	TAMC: acceptance criterion 10 ³ CFU/g. TYMC: acceptance criterion 10 ² CFU/g.	
10.	Assay % (Anhydrous substance)	98.0 % – 102.0 %	