



SPECIFICATIONS
GRADE: BP

PRODUCTS NAME		:	MAGNESIUM CITRATE ANHYDROUS BP
CAS NO.		:	3344-18-1
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or almost white, fine, slightly hygroscopic powder.	
2.	Solubility	Soluble in water practically insoluble in ethanol (96 %). It dissolves in dilute hydrochloric acid	
3.	Identification A It gives the reaction of citrates. Identification B It gives the reaction of magnesium. Identification C pH (see Tests). Identification D Loss on drying (see Tests).	To Pass test To Pass test To Pass test To Pass test	
4.	Appearance of solution	Solution S is not more opalescent than reference suspension III and not more intensely colored than reference solutions Y7 or BY6.	
5.	pH	6.0 to 8.5	
6.	Oxalates	Max. 280 ppm	
7.	Sulfates	Max. 0.2 %	
8.	Calcium	Max. 0.2 %	
9.	Iron	Max. 100 ppm	
10.	Loss on drying (180 ± 10°C for 5 h.)	Max. 3.5 %	
11.	Assay % (Dried substance)	15.0 % to 16.5 %	