



SPECIFICATIONS
GRADE: USP

PRODUCTS NAME		:	DRIED MAGNESIUM SULPHATE USP
CAS NO.		:	7487-88-9
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	Small, Colorless crystal, usually needle-like, with cooling, saline, bitter taste.	
2.	Solubility	Freely soluble in water, Very Soluble in boiling water. Sparingly soluble in alcohol.	
3.	Identification A Test for Sulfate Identification B The retention time of the magnesium peak of the Sample solution corresponds to that of the Standard Solution, as obtained in the Assay.	To pass test To pass test	
4.	Assay (Ignition basis)	98.0 % to 102.0%	
5.	Limit of Chloride	NMT 0.014%	
6.	Limit of Iron	NMT 0.5 µg/g	
7.	Selenium	NMT 30 µg/g	
8.	pH	5.0 – 9.2	
9.	Loss on Drying	NMT 2.0%	
10.	Loss on Ignition	22.0% to 28.0%	