



SPECIFICATIONS
GRADE: BP

PRODUCTS NAME		:	MAGNESIUM HYDROXIDE BP
CAS NO.		:	1309-42-8
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or almost white, fine, amorphous powder.	
2.	Solubility	Practically insoluble in water. It dissolves in dilute acids.	
3.	Identification A Dissolve about 15 mg in 2 mL of dilute nitric acid R and neutralize with dilute sodium hydroxide solution R. The solution gives the reaction of magnesium Identification B Loss on ignition (see Tests)	To Pass Test To Pass Test	
4.	Appearance of Solution	Solution A is not more intensely colored than reference solution B ₃	
5.	Soluble Substance	Max. 2.0 %	
6.	Substance insoluble in acetic acid	Max. 0.1 %	
7.	Chlorides	Max. 0.1 %	
8.	Sulphates	Max. 1.0 %	
9.	Calcium	Max. 1.5 %	
10.	Iron	Max. 0.07 %	
11.	Loss on Ignition	29.0 % to 32.5 %	
12.	Assay (Ignited Basis)	95.0 % to 100.5 %	