

SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	LIGHT MAGNESIUM OXIDE EP
CAS NO.		:	1309-48-4
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	Fine, white or almost white, amorphous powder.	
2.	Solubility	Practically insoluble in water. It dissolves in dilute acids with at most slight effervescence.	
3.	Identification A Bulk density Identification B 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 C Loss on Ignition (See Test)	Min. 0.15 g/mL To Pass Test To Pass Test	
4.	Appearance of Solution	Solution S is not more intensely colored than reference solution B2.	
5.	Soluble Substance	Max. 2.0 %	
6.	Substance insoluble in acetic acid	Max. 0.1 %	
7.	Chlorides	Max. 0.15 %	
8.	Sulphates	Max. 1.0 %	
9.	Calcium	Max. 1.5 %	
10.	Iron	Max. 0.1 %	
11.	Loss on Ignition	Max. 8.0 %	
12.	Assay (Ignited Basis)	98.0 % to 100.5 %	