



SPECIFICATIONS
GRADE: IP

PRODUCTS NAME		:	LIGHT MAGNESIUM OXIDE IP
CAS NO.		:	1309-48-4
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	A very fine, light, white powder	
2.	Identification Dissolve about 15 mg in 2 mL of 2 M Sodium Hydroxide. The Resulting solution gives reaction A of magnesium Salts	To Pass Test	
3.	Appearance of Solution	Solution A is not more intensely colored than reference solution BS2	
4.	Arsenic	Max. 4 ppm	
5.	Heavy Metals	Max. 30 ppm	
6.	Iron	Max. 0.1 %	
7.	Chlorides	Max. 0.125 %	
8.	Sulphates	Max. 1.0 %	
9.	Calcium	Max. 1.5 %	
10.	Soluble Substance	Max. 2.0 %	
11.	Substance insoluble in acetic acid	Max. 0.1 %	
12.	Loss on Ignition	NMT 8.0 %	
13.	Assay (Ignited Basis)	98.0 % to 100.5 %	