

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Light Magnesium Oxide IP

CAS No. 1309-48-4

Mol. Formula		MgO	Mol. Weight	40.3 gm/mol
Sr. No.	Test	Specification		
1	Description*	A very fine, light, white powder.		
2	Solubility	Practically insoluble in water. It dissolves in dilute acids with at most slight effervescence.		
3	Identification	It gives reaction of Magnesium salts		
4	Arsenic	Not more than 4 ppm		
5	Heavy metals	Not more than 30 ppm		
6	Iron	Not more than 0.1 %		
7	Chloride	Not more than 0.125 %		
8	Sulfate	Not more than 1.0 %		
9	Calcium	Not more than 1.5 %		
10	Soluble Substances	Not more than 20 mg		
11	Substance insoluble in acetic acid	Not more than 5.0 mg		
12	Loss on ignition	Not more than 8.0 %		
13	Assay* on ignite basis	Between 98.0 % to 100.5 % of MgO		

* Re-testing parameter.