

**SPECIFICATION SHEET-FINISHED PRODUCT**

**Material Name:** Light Magnesium Oxide BP

<b>CAS No.</b> 1309-48-4				
<b>Mol. Formula</b>		MgO	<b>Mol. Weight</b>	40.30 gm/mol
<b>Sr. No.</b>	<b>Test</b>	<b>Specification</b>		
1	Description*	A 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	It gives reaction of Magnesium salts		
4	Bulk Density	NMT 0.15 gm/ml		
5	Soluble Substances	Not more than 20 mg		
6	Substance insoluble in acetic acid	Not more than 5.0 mg		
7	Chloride	Not more than 0.15 %		
8	Sulfate	Not more than 1.0 %		
9	Arsenic	Not more than 4 ppm		
10	Calcium	Not more than 1.5 %		
11	Iron	Not more than 0.1 %		
12	Heavy metals	Not more than 30 ppm		
13	Loss on ignition	Not more than 8.0 %		
14	Assay* (ignited substance)	Between 98.0 % to 100.5 % of MgO. (OIB)		

\* Re-testing parameter.