

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Light Magnesium Carbonate USP

CAS No. 39409-82-0			
Mol. Formula	MgCO ₃	Mol. Weight	84.31 gm/mol
Sr. No.	Test	Specification	
1	Description*	White or almost white powder	
2	Solubility	Practically insoluble in water. It dissolves in dilute acids with effervescence.	
3	Identification	A) It gives reaction of Magnesium.	
4	Soluble Salts	Not more than 10 mg	
5	Acid insoluble substances	Not more than 2.5 mg (NMT 0.05 %)	
6	Arsenic	Not more than 4 ppm	
7	Limit of calcium	Not more than 0.45 %	
8	Iron	Not more than 200 ppm	
9	Heavy metals	Not more than 30 ppm	
10	Assay as MgO*	Between 40.0 % to 43.5 % of MgO	
11	Microbial Test E-coli	Absent	

*Re-testing parameter.