

F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Magnesium Oxide Light 96 % Extrapure

Catalog Number : O-5113

Batch Number : 5113-00000000

CAS Number : 1309-48-4

Molecular Weight : 40.30 g/mol

Mol. Formula : MgO

Expire Date : 60 months

No	Test	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (as MgO)	96-100.5 %	98.36%
3	Identification	passes test	passes
4	Loss on ignition (at 800 °C)	max 10 %	5.37%
5	Free alkali and soluble salts	max 2 %	1.33%
6	Acid insoluble matter	max 0.1 %	0.0086%
7	Calcium (Ca)	max 1.1 %	0.47%
8	Heavy metals (as Pb)	max 0.002 %	0.0008%
9	Iron (Fe)	max 0.05 %	0.0068%
10	Residual solvents	meets the requirement	complies

Corresponds to Extrapure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC