

CERTIFICATE OF ANALYSIS

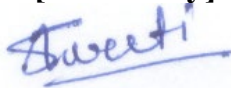
PRODUCT NAME : MAGNESIUM OXIDE (LIGHT) AR

CAS No	: 1309-48-4	Product code	: 23895
Mol. Formula	: MgO	Batch No.	: MCAR-00175
Mol. WT	: 40.30	Mfd.	: May 2024
Date of analysis	: 18/05/24	Exp.	: April 2029

S.R	Test	Specification	Observation
1	Description	White Powder.	White Powder.
2	Assay (on ignited basis)	98.5% min.	98.64%
3	Loss on ignition (950^oc)	8% max	5.36%
4	Substances insoluble in water	0.5% max	1.78%
5	Substances insoluble in Hydrochloric acid	0.005% max	0.001%
6	Carbonate (as CO₂)	1.5% max	0.78%
7	Chloride (Cl)	0.01% max	<0.01%
8	Total nitrogen (N)	0.002% max	<0.002%
9	Barium and strontium (as Ba)	0.005% max	<0.005%
10	Lead (Pb)	0.001% max	<0.001%
11	Calcium (Ca)	0.02% max	<0.02%
12	Iron (Fe)	0.005% max	<0.005%
13	Potassium (K)	0.005% max	<0.005%
14	Copper (Cu)	0.001% max	<0.001%
15	Sodium (Na)	0.2% max	<0.2%
16	Zinc (Zn)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Swati)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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