

ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



CERTIFICATE OF ANALYSIS

1. Name of the Product	Magnesium Hydroxide
2. INCI Name	Magnesium Hydroxide
3. CAS Number	1309-42-8
4. Formula	Mg(OH) ₂
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	Apr-2024

Assay/Method	Specifications		Result
	Min.	Max.	
Mag. Hydroxide as Mg (OH) ₂	95	1.005	98.6
Identification		Pos for Mag	Passed Test
Microbial Limit	n/a	Absent of E. Coli	absent
Loss on Drying (105C)	n/a	0.02	0.06
Loss on Ignition (800C)	30	0.33	30.3
Free Alkali (as 0.1N H ₂ SO ₄)	n/a	2	<2.0
Soluble Salts	n/a	0.02	0.56
Carbonate (USP test method)	n/a	To Pass Test	Passed Test
Calcium as Ca	n/a	0.003	0.05
Heavy Metals as Pb	n/a	20 ppm	<20
Lead as Pb	n/a	0.3 ppm	<0.3
Arsenic as As	n/a	4 ppm	<4
Substances Insoluble in Hac	n/a	0.001	0.032
Chlorides as Cl	n/a	1000 ppm	282
Sulphates as SO ₄	n/a	0.005	0.0008
Iron as Fe	n/a	700ppm	23
Bulk Density (untapped)	0.25	0.55 g/cc	0.33
Tapped Density (1000 taps)	0.4	0.60 g/cc	0.46
Residue on 325 mesh	n/a	0.05	1.8