

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

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CERTIFICATE OF ANALYSIS

Material/Product Name	Magnesium hydroxide Nikomag A5		
Batch Number	720-07-23	Quantity	10 MT

S. No.	Test Parameter	Specification	Result
1.	Appearance	White powder	White powder
2.	Mass fraction of magnesium hydroxide, %, minimum	99.8	99.8
3.	Mass fraction of volatile substance at 105°C, %, maximum	0.3	0.11
4.	Mass fraction of iron (Fe), ppm, not more than	50	20
5.	Mass fraction of calcium (Ca), ppm, not more than	100	less than 100
6.	Mass fraction of chlorides, ppm, not more than	500	120
7.	Mass fraction of sulfur (S), ppm, not more than	200	less than 20
8.	Mass fraction of sodium (Na), ppm, not more than	200	100
9.	Bulk density, g/cm ³ , not less than	0.3	0.33
10.	Specific surface area, m ² /g	4-6	4.8
11.	Whiteness, %, minimum	96	96
12.	Rest by screening 0045 µm % max (method of laser diffraction)	0.1	0
13.	Particle size distribution, µm (laser diffraction method): diameter of 10 % of particles (d10), not more than	1.1	0.7
14.	Particle size distribution, µm (laser diffraction method): diameter of 50 % of particles (d50), not more than	2.0	1.3
15.	Particle size distribution, µm (laser diffraction method): diameter of 90 % of particles (d90), not more than	3.0	2.5
Remarks: The material complies with the above specification			



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Name	Praveen Kumar J	Karthik V Suvarna	Prashant Mishra
Date	16/08/2025	16/08/2025	16/08/2025
Sign			