

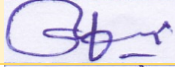
**Certificate of Analysis**

**Product Name: MAGNESIUM HYDROXIDE**

<b>Reference</b>	<b>IH Standards</b>	<b>Product Code</b>	<b>KCPLMH</b>
<b>Report No.</b>	<b>KCPL/COA/380/24-25</b>	<b>Mfg. Date</b>	<b>12/12/2024</b>
<b>Batch NO.</b>	<b>993</b>	<b>Batch QTY</b>	<b>1000 kgs.</b>
<b>Date of Release</b>	<b>13/12/2024</b>	<b>Expiry Date</b>	<b>11/12/2029</b>

Sr. No.	Test	Specifications	Result
4	Arsenic	As per IH Standards (Limit 4 ppm)	3 ppm
5	Heavy Metals	As per IH Standards (Limit 30 ppm)	27 ppm
6	Iron	As per IH Standards (Limit 0.08 %)	0.07%
7	Chlorides	As per IH Standards (Limit 0.1 %)	0.1%
8	Sulphates	As per IH Standards (Limit 0.5 %)	0.4%
9	Calcium	As per IH Standards (Limit 1.5 %)	1.4%
10	Soluble substances	As per IH Standards (Limit 1.0 %) - Residue weighs not more than 10.0 mg	7.2 mg
11	Substances insoluble in acetic acid	As per IH Standards (Limit 0.1 %) - Residue R weighs not more than 5.0 mg	2.7 mg
12	Loss on Ignition	Not less than 30.00% & Not more than 32.50%	31.63%
13	Assay	Not less than 95.00% & Not more than 100.50% of Magnesium Hydroxide	99.75%

Report: In the opinion of the undersigned authorities the material complies with IH Specification

Particulars	Name	Designation	Signature
<b>Tested By:</b>	Mr. Sanket	QC Chemist	
<b>Approved By:</b>	Mr. Jayesh Shah	QC Head	

Storage: To be stored away from sunlight and humid areas.