

**Certificate of Analysis**

**Product Name: MAGNESIUM OXIDE**

<b>Reference</b>	<b>IH Standards</b>	<b>Product Code</b>	<b>KCPLLMO</b>
<b>Report No.</b>	<b>KCPL/COA/105/24-25</b>	<b>Mfg. Date</b>	<b>25/12/2024</b>
<b>Batch NO.</b>	<b>193</b>	<b>Batch QTY</b>	<b>1000 Kgs.</b>
<b>Date of Release</b>	<b>26/12/2024</b>	<b>Expiry Date</b>	<b>24/12/2029</b>

Sr. No.	Test	Specifications	Result
1	Arsenic	Not more than 4 ppm	<b>3 ppm</b>
2	Heavy Metals	Not more than 30 ppm	<b>27</b>
3	Iron	As per IH Standards (Limit 0.1 per cent)	<b>0.1</b>
4	Chlorides	As per IH Standards (Limit 0.125 per cent)	<b>0.122</b>
5	Sulphates	As per IH Standards (Limit 1.0 per cent)	<b>0.94</b>
6	Calcium	As per IH Standards (Limit 1.5 per cent)	<b>1.3</b>
7	Soluble Substances	As per IH Standards (Limit 2.0 per cent) Residue weighs not more than 20 mg	<b>8 mg</b>
8	Substances insoluble in acetic acid	As per IH Standards (Limit 0.1 per cent) Residue weighs not more than 5 mg	<b>3 mg</b>
9	Loss on ignition	Not more than 8.0%	<b>6.22%</b>
10	Assay	Not less than 98.00% & Not more than 100.5%	<b>99.19%</b>

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.