

Certificate of Analysis
(The drug & Cosmetic act 1940 and rules there under)

Product Name: MAGNESIUM HYDROXIDE USP

Reference	USP Standards	Product Code	KCPLMH
Report No.	KCPL/COA/23/24-25	Report Date	28/05/2024
Batch NO.	923	Batch QTY	1000 kgs.
Mfg. Date	27/05/2024	Expiry Date	26/05/2029
Date of Release	28/05/2024	Mfg. Lic. No.	G/25/1876

Sr. No.	Test	Specifications	Result
1	Description	A white bulky powder	Complies
2	Solubility	Practically insoluble in water It dissolve to dilute acid.	Complies
3	Identification	As per USP Standards	Complies
4	Colour of solution	As per USP Standards	Complies
5	Lead	As per USP Standards (NMT 0.001%)	Complies
6	Heavy metals	Not more than 20 µg per gram	Complies
7	Calcium	As per USP Standards (NMT 1.5%)	Complies
8	Loss on drying	Not more than 2.0%	Complies
9	Loss on ignition	Not less than 30.00% & Not more than 33.00%	31.52%
10	Soluble salts	Not more than 10 mg	7 mg
11	Carbonate	As per USP Standards	Complies
12	Assay	Not less than 95.00% & Not more than 100.50%	96.85%
13	Tapped Density	0.40 to 0.65	0.596gm/ml
14	Microbial limits	As per USP Standards	Complies

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

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

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