



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

**Product Name: HEAVY MAGNESIUM OXIDE IP**

Reference	IP Standards	Product Code	KCPLHMO
Report No.	KCPL/COA/109/24-25	Report Date	09/06/2024
Batch NO.	187	Batch QTY	1000 Kgs.
Mfg. Date	08/06/2024	Expiry Date	07/06/2029
Date of Release	09/06/2024	Mfg. Lic. No.	G/25/1876

Sr. No.	Test	Specifications	Result
1	Appearance	A very fine, light white powder	Complies
2	Identification	As per IP Standards	Complies
3	Arsenic	Not more than 4 ppm	Complies
4	Heavy Metals	Not more than 1 ppm (Pb)	Complies
5	Iron	As per IP Standards (800 ppm)	Complies
6	Chlorides	As per IP Standards (Limit 0.1 per cent)	Complies
7	Sulfates	As per IP Standards (Limit 1.0 per cent)	Complies
8	Calcium	As per IP Standards (Limit 1.5 per cent)	Complies
9	Soluble Substances	As per IP Standards (Limit 2.0 per cent) Residue weighs not more than 20 mg	8.1 mg
10	Substances insoluble in acetic acid	As per IP Standards (Limit 0.1 per cent) Residue weighs not more than 5 mg	4.0 mg
11	Loss on ignition	Not more than 8.0%	6.14%
12	Assay	Not less than 98.00% & Not more than 100.5%	99.12%

Report: In the opinion of the undersigned authorities the material complies with IP 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.