

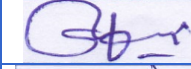

Certificate of Analysis
(The drug & Cosmetic act 1940 and rules there under)

Product Name: HEAVY MAGNESIUM OXIDE BP

Reference	BP Standards	Product Code	KCPLHMO
Report No.	KCPL/COA/63/24-25	Report Date	13/05/2024
Batch NO.	186	Batch QTY	1000 Kgs.
Mfg. Date	12/05/2024	Expiry Date	11/05/2029
Date of Release	13/05/2024	Mfg. Lic. No.	G/25/1876

Sr. No.	Test	Specifications	Result
1	Description	A Fine, White Powder.	Complies
2	Solubility	Practically insoluble in water. It dissolves in dilute acids.	Complies
3	Identification	As per BP Standards	Complies
4	Appearance of solution	The Color of the solution is not more intense than the reference solution	Complies
5	Soluble Substances	As per BP Standards (Limit 2.0 %)	Complies
6	Substances insoluble in acetic acid	As per BP Standards (Limit 0.1 %)	Complies
7	Chlorides	As per BP Standards (Limit 0.1 %)	Complies
8	Sulphates	As per BP Standards (Limit 0.75 %)	Complies
9	Arsenic	Not more than 3 ppm	Complies
10	Calcium	As per BP Standards (Limit 1.10 %)	Complies
11	Iron	As per BP Standards (Limit 0.05 %)	Complies
12	Loss on ignition	Not more than 10.0% at 900°C.	6.23%
13	Assay	Not less than 96.0% & Not more than 100.5%	99.52%
ADDITIONAL TESTS			
14	Free Alkali	Maximum 2 ml	Complies
15	Bulk Density	0.30-0.65 g/ml (untapped)	0.40 gm/ml
16	Heavy Metal	Maximum 20 ppm	Complies
17	Lead	Maximum 0.5 ppm	Complies
18	Particle Size	99% Material Passes 325 mesh	Complies

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