

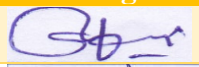

**Certificate of Analysis**  
(The drug & Cosmetic act 1940 and rules there under)

**Product Name: IRON OXIDE RED**

<b>Reference</b>	IN HOUSE	<b>Product Code</b>	KCPLIOR
<b>Report No.</b>	KCPL/COA/IH/24-25	<b>Report Date</b>	26/04/2024
<b>Batch NO.</b>	172	<b>Batch QTY</b>	100 kg
<b>Mfg. Date</b>	25/04/2024	<b>Expiry Date</b>	24/04/2029
<b>Date of Release</b>	26/04/2024	<b>Mfg. Lic. No.</b>	G/25/1876

Sr. No.	Test	Specifications	Result
1	Description	Red color powder	<b>Complies</b>
2	Solubility	It dissolve in HCL upon warming; a small amount of insoluble residue usually remains	<b>Complies</b>
3	Identification	Solution obtained responds to the test for ferric salts.	<b>Complies</b>
4	Water Soluble substances	Maximum 1.00% w/w	<b>0.20%</b>
5	Acid Insoluble substances	Maximum 0.1 % w/w	<b>0.05%</b>
6	Loss on ignition	NMT 3.0% w/w (at 800 ± 25° C)	<b>1.53%</b>
7	Organic color and lakes	No peak, above the noise level, with a slope greater than +0.001 absorbance unit per nm is found.	<b>Complies</b>
8	Arsenic	Maximum 3.00 ppm	<b>Complies</b>
9	Lead	Maximum 10.0 ppm	<b>Complies</b>
10	Mercury	Maximum 3.00 ppm	<b>Complies</b>
11	Assay(on ignited basis)	Limit 97.00% - 100.5 % w/w of Fe <sub>2</sub> O <sub>3</sub>	<b>98.18%</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.