



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MERCURIC OXIDE RED AR

CAS No : 21908 -53-2

Mol. Formula : HgO

Mol. WT : 216.59

Date of analysis : 29/05/23

Product code : 24120

Batch No. : MCRT-28393

Mfd. : May 2023

Exp. : April 2028

S. R	Test	Specification	Observation
1	Description	Orang to orange red fine powder or crystalline powder.	Orange powder.
2	Assay	99.0-100.5%	99.53%
3	Substances insoluble in HCl	0.03% max.	0.02%
4	Chloride (Cl)	0.01% max.	<0.01%
5	Sulphate (SO ₄)	0.005% max.	<0.005%
6	Total nitrogen (N)	0.005% max.	<0.005%
7	Lead (Pb)	0.0005% max.	<0.0005%
8	Copper (Cu)	0.0005% max.	<0.0005%
9	Cadmium (Cd)	0.0001% max.	<0.0001%
10	Zinc (Zn)	0.0005% max.	<0.0005%
11	Iron (Fe)	0.005% max.	<0.005%
12	Substance not reducible with formic acid (residue on ignition)	0.025% max	0.021%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Jyoti)**

[QC Incharge]

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign

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**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**