

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MERCURIC OXIDE RED AR

CAS No : 21908 -53-2
Mol. Formula : HgO
Mol. WT : 216.59
Date of analysis : 24/04/24

Product code : 24120
Batch No. : MCRT-28393-01
Mfd. : April 2024
Exp. : March 2029

S. R	Test	Specification	Observation
1	Description	Orang to orange red fine powder or crystalline powder.	Orange red powder.
2	Assay	99.0-100.5%	99.52%
3	Substances insoluble in HCl	0.03% max.	0.02%
4	Chloride (Cl)	0.01% max.	<0.01%
5	Sulphate (SO₄)	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
(Durvas)**

[QC Incharge]

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

Note: Computer generated image requires no sign

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