

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MERCURIC OXIDE YELLOW AR

CAS No : 21908-53-2
Mol. Formula : HgO
Mol. WT : 216.59
Date of Analysis : 06/06/24

Product code : 24140
Batch No : MCRT-21714-04
Mfd. : June 2024
Exp. : May 2029

S. R	Test	Specification	Observation
1	Description	Yellow to orange yellow fine powder.	Orange fine powder.
2	Assay (by complexometry)	99.3 - 100.5%	99.70% w/w
3	Substances insoluble in hydrochloric acid	0.03% max	0.02%
4	Chloride (Cl)	0.025% max	< 0.025%
5	Sulphate (SO₄)	0.005% max	< 0.005%
6	Total Nitrogen (N)	0.005% max	<0.005%
7	Cadmium (Cd)	0.0001% max	<0.0001%
8	Copper (Cu)	0.0005% max	<0.0005%
9	Iron (Fe)	0.0025% max	<0.0025%
10	Lead (Pb)	0.0005% max	<0.0005%
11	Zinc (Zn)	0.0005% max	<0.0005%
12	Substance not reducible with formic acid (residue on ignition)	0.025% max	<0.025%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Asmita)**



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

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