



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MERCURIC NITRATE MONOHYDRATE AR

CAS No : 7783-34-8
Mol. Formula : $\text{Hg}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$
Mol. WT : 342.62
Date of analysis : 05/08/23

Product code : 24100
Batch No. : MCRT-28964
Mfd. : Aug. 2023
Exp. : July 2028

S.R	Test	Specification	Observation
1	Description	White hygroscopic crystalline powder.	White hygroscopic crystalline powder.
2	Assay	98.5 %w/w min	98.60%w/w
3	Residue after reduction	0.01% max	0.001%
4	Chloride(Cl)	0.002 % max	< 0.002 %
5	Sulphate(SO ₄)	0.005% max	< 0.005 %
6	Copper (Cu)	0.0005%max	<0.0005%
7	Iron(Fe)	0.001 % max	< 0.001 %
8	Lead (Pb)	0.0005% max	<0.0005%
9	Mercury(I)(Hg)	0.2 % max	< 0.2 %
10	Potassium (K)	0.005 % max	< 0.005 %
11	Sodium (Na)	0.005 % max	< 0.005 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Priyanka)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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