

Certificate of Analysis

Date of Testing: 2024-12-26 13:10:09

Date of Next Testing: 2028-12-25 13:10:09

Product Name: **Mercuric nitrate Monohydrate**

CAS Number: 7783-34-8

Specifications & Purity: AR

Lot #: L2424548

SKU #: **M112952**

Version: **4**

Analysis #: **435070**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.003 (%)	0.00 %
Basic mercurous salts(HgO)	0-3 (%)	0.21 %
Ignition Residue	0-0.02 (%)	0.00 %
Assay (titration with KIO3)	98-100 (%)	99.58 %
Sulfate(SO42-)	0-0.015 (%)	0.00 %
ICP:Confirms Hg Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Mercurous (Hg+)	Pass	Pass
Solubility(0.5026g,10ml,HNO3)	Conform	Conform



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