

## Certificate of Analysis

Date of Testing: 2024-02-21 17:26:22  
Date of Next Testing: 2028-02-20 17:26:22  
Product Name: **Mercuric nitrate Monohydrate**  
CAS Number: 7783-34-8  
Specifications & Purity: Analytical Reagent  
Lot #: B2420060  
SKU #: **M112952**  
**Analysis:** **108947**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.015 (%)	0.01 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.01 %
Chloride (Cl-)	0-0.003 (%)	0.00 %
Basic mercurous salts(HgO)	0-0.015 (%)	0.01 %
Assay (titration with KIO3)	98-100 (%)	99.75 %
Solubility	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager