

## Certificate of Analysis

Date of Testing: 2025-05-28 13:14:45  
Date of Next Testing: 2029-05-27 13:14:45  
Product Name: **Mercuric nitrate Monohydrate**  
CAS Number: 7783-34-8  
Specifications & Purity: AR  
Lot #: E2527563  
SKU #: **M112952**  
Version: **4**  
Analysis #: **514984**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Assay (titration with KIO3)	98-100 (%)	98.65 %
Basic mercurous salts(HgO)	0-3 (%)	0.20 %
Chloride (Cl-)	0-0.003 (%)	0.00 %
Ignition Residue	0-0.02 (%)	0.02 %
ICP:Confirms Hg Component	Confirmed	Confirmed
Solubility(0.5026g,10ml,HNO3)	Conform	Conform
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Mercurous (Hg+)	Pass	Pass



John Su  
QA & QC Manager