

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-28 13:44:41
 Date of Next Testing: 2029-05-27 13:44:41
 Product Name: **Mercuric nitrate Monohydrate**
 CAS Number: 7783-34-8
 Specifications & Purity: AR
 Lot #: E2527562
 SKU #: **M112952**
 Version: **4**
 Analysis #: **514984**
 Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00000 %
Sulfate(SO42-)	0-0.02 (%)	0.01200 %
Assay (titration with KIO3)	98-100 (%)	98.65000 %
Basic mercurous salts(HgO)	0-3 (%)	0.20500 %
Chloride (Cl-)	0-0.003 (%)	0.00300 %
Ignition Residue	0-0.02 (%)	0.02000 %
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