

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-08 10:24:54
 Date of Next Testing: 2029-02-07 10:24:54
 Product Name: **Mercury nitrate dihydrate**
 CAS Number: 7782-86-7
 Specifications & Purity: AR, ≥98%
 Lot #: B2507406
 SKU #: **M100238**
 Version: **2**
 Analysis #: **454965**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00000 %
Insoluble matter in HNO ₃	0-0.05 (%)	0.00000 %
Water by Karl Fischer	0-11 (%)	9.16290 %
Unvolatile matter	0-0.02 (%)	0.00100 %
Purity	98-100 (%)	98.20000 %
Mercurous(Hg ₂ +)	0-0.5 (%)	0.30000 %
Appearance(M100238)	White to yellow Powder or crystal	White to yellow powder or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager