

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-18 10:37:03

Date of Next Testing: 2028-04-17 10:37:03

Product Name: **Mercury nitrate dihydrate**

CAS Number: 7782-86-7

Specifications & Purity: AR, ≥98%

Lot #: D2408183

SKU #: **M100238**

Version: **2**

Analysis #: **335600**

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 (%)	5.78600 %
Purity	98-100 (%)	99.20000 %
Unvolatile matter	0-0.02 (%)	0.00100 %
Mercurous (Gg ₂ +)	0-0.5 (%)	0.40000 %
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