

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-07 16:47:24
 Date of Next Testing: 2027-04-06 16:47:24
 Product Name: **Mercury nitrate dihydrate**
 CAS Number: 7782-86-7
 Specifications & Purity: AR, ≥98%
 Lot #: C2325798
 SKU #: **M100238**
 Version: **2**
 Analysis #: **187116**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Unvolatile matter	0-0.02 (%)	0.01000 %
Iron(Fe)	0-0.0005 (%)	0.00030 %
Mercurous (Gg2 +)	0-0.5 (%)	0.16000 %
Insoluble matter in HNO3	0-0.05 (%)	0.02000 %
Water by Karl Fischer	0-11 (%)	5.60000 %
Purity	98-100 (%)	98.09000 %
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