

Certificate of Analysis

Date of Testing: 2024-12-09 09:02:20

Date of Next Testing: 2028-12-08 09:02:20

Product Name: **Mercuric sulfate**

CAS Number: 7783-35-9

Specifications & Purity: ACS, ≥99%

Lot #: L2404379

SKU #: **M128372**

Version: **0**

Analysis #: **438297**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
(NO3)Nitrate	0-50 (ppm)	0.26 ppm
Chloride (Cl-)	0-30 (ppm)	0.10 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
(Pb)Lead	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-50 (ppm)	39.47 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-20 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	10.04 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Ignition Residue (900 °C) (as SO42-)	0-0.02 (%)	0.00 %
Purity((precipitation titration))	99-100 (%)	99.94 %
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	0.80 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Mercury(Hg)	0-1500 (ppm)	422.48 ppm
Appearance (M128372)	white crystalline powder	white crystalline powder
Identity(Hg and SO4 components)	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager