

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 17:23:26
 Date of Next Testing: 2028-06-16 17:23:26
 Product Name: **Acetic acid (glacial) 100%**
 CAS Number: 64-19-7
 Specifications & Purity: Moligand™, Ultra pure
 Lot #: F2512053
 SKU #: **A433219**
 Version: **1**
 Analysis #: **290565**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color test (APHA)	0-5 (APHA)	0.00000 APHA
Acetaldehyde	0-2 (ppm)	0.00000 ppm
Chloride (Cl-)	0-100 (ppb)	0.00000 ppb
Phosphate(PO4)	0-50 (ppb)	0.00000 ppb
Silver(Ag)	0-1 (ppb)	0.00000 ppb
Aluminium(Al)	0-2 (%)	0.00000 ppb
Arsenic(As)	0-0.5 (%)	0.00000 ppb
Aurum(Au)	0-0.5 (ppb)	0.00000 ppb
Boron(B)	0-0.5 (ppb)	0.00000 ppb
Barium(Ba)	0-0.5 (ppb)	0.00000 ppb
Beryllium(Be)	0-0.5 (ppb)	0.00000 ppb
Cadmium(Cd)	0-0.5 (ppb)	0.00000 ppb
Chromium(Cr)	0-5 (ppb)	0.00000 ppb
Copper(Cu)	0-1 (ppb)	0.00000 ppb
Iron(Fe)	0-20 (ppb)	0.00000 ppb
Gallium(Ga)	0-0.5 (ppb)	0.00000 ppb
Germanium (Ge)	0-0.5 (ppb)	0.00000 ppb
Mercury(Hg)	0-2 (ppb)	0.00000 ppb
Indium(In)	0-0.5 (ppb)	0.00000 ppb
Magnesium(Mg)	0-2 (ppb)	0.00000 ppb
Manganese(Mn)	0-1 (ppb)	0.00000 ppb
Molybdenum(Mo)	0-1 (ppb)	0.00000 ppb
Nickel(Ni)	0-5 (ppb)	0.00000 ppb
Lead(Pb)	0-2 (ppb)	0.00000 ppb
Platinum(Pt)	0-0.5 (ppb)	0.00000 ppb

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Antimony(Sb)	0-0.5 (ppb)	0.00000 ppb
Stannum(Sn)	0-0.5 (ppb)	0.00000 ppb
Strontium(Sr)	0-0.5 (ppb)	0.00000 ppb
Titanium(Ti)	0-0.5 (%)	0.00000 ppb
Thallium(Tl)	0-0.5 (ppb)	0.00000 ppb
Vanadium(V)	0-0.5 (ppb)	0.00000 ppb
Zinc(Zn)	0-2 (ppb)	0.00000 ppb
Zirconium(Zr)	0-0.5 (ppb)	0.00000 ppb
Substances reducing potassium dichromate	0-30 (ppm)	10.43000 ppm
Substances reducing potassium(permanganate)	0-20 (ppm)	0.00000 ppm
Residue on ignition (as sulfate)	0-2 (ppm)	0.00000 ppm
Sodium(Na)	0-5 (ppb)	0.00000 ppb
Potassium(K)	0-2 (ppb)	0.00000 ppb
Lithium(Li)	0-0.5 (ppb)	0.00000 ppb
Calcium(Ca)	0-20 (ppb)	0.00000 ppb
Bismuth(Bi)	0-0.5 (ppb)	0.00000 ppb
Sulfate(SO ₄ ²⁻)	0-400 (ppb)	0.00000 ppb
Solidification Point	≥16.3 (°C)	16.50000 °C
Assay(acidimetric)	99.8-102.5 (%)	99.85000 %
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager