

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-23 15:31:24
 Date of Next Testing: 2030-06-22 15:31:24
 Product Name: **4-Methyl-2-pentanone**
 CAS Number: 108-10-1
 Specifications & Purity: electronic grade, UPSS grade
 Lot #: F2622451
 SKU #: **M1521391**
 Version: **1**
 Analysis #: **718112**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.5-100(%)	99.60000 %
Alkalinity Content	0-0.001(eq/kg)	0.00000 eq/kg
Titration Acid	0-0.002 (eq/kg)	0.00000 eq/kg
Evaporation Residue	0-0.001 (%)	0.00000 %
Sodium(Na)	0-10 (ppb)	0.00000 ppb
Aluminium(Al)	0-10 (ppb)	0.00000 ppb
Potassium(K)	0-10 (ppb)	0.00000 ppb
Calcium(Ca)	0-10 (ppb)	0.00000 ppb
Chromium(Cr)	0-10 (ppb)	0.00000 ppb
Manganese(Mn)	0-10 (ppb)	0.00000 ppb
Iron(Fe)	0-10 (ppb)	0.00000 ppb
Lithium(Li)	0-10 (ppb)	0.00000 ppb
Cobalt(Co)	0-10 (ppb)	0.00000 ppb
Nickel(Ni)	0-10 (ppb)	0.00000 ppb
Copper(Cu)	0-10 (ppb)	0.00000 ppb
Zinc(Zn)	0-10 (ppb)	0.00000 ppb
Germanium (Ge)	0-10 (ppb)	0.00000 ppb
Silver(Ag)	0-10 (ppb)	1.94200 ppb
Cadmium(Cd)	0-10 (ppb)	0.00000 ppb
Aurum(Au)	0-10 (ppb)	0.00000 ppb
Titanium(Ti)	0-10 (ppb)	0.00000 ppb
Gallium(Ga)	0-10 (ppb)	0.00000 ppb
(As)Arsenic	0-10 (ppb)	0.00000 ppb
Molybdenum(Mo)	0-10 (ppb)	0.00800 ppb
Tin(Sn)	0-10 (ppb)	0.17600 ppb

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Parameter	Limit Values	Result
Barium(Ba)	0-10 (ppb)	0.09000 ppb
Lead(Pb)	0-10 (ppb)	0.93300 ppb
Water by Karl Fischer	0-0.1 (%)	0.06510 %
Magnesium(Mg)	0-10 (ppb)	10.00000 ppb
Appearance(M1521391)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager