

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-27 15:01:51
 Date of Next Testing: 2030-06-26 15:01:51
 Product Name: **Acetylacetone**
 CAS Number: 123-54-6
 Specifications & Purity: Ultra pure, ≥99.5%(GC)
 Lot #: F2610228
 SKU #: **A110370**
 Version: **0**
 Analysis #: **716113**
 Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Lithium(Li)	0-0.1 (ppm)	0.00000 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.00000 ppm
Purity(GC)	99.5-100 (%)	99.85600 %
Calcium(Ca)	0-0.5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.00000 ppm
Density (20°C)	0.973-0.978	0.97500
Barium(Ba)	0-0.1 (ppm)	0.00000 ppm
Purity(Based On Trace Metals Analysis)	99.9997-100 (%)	100.00000 %
Aluminum(Al)	0-0.5 (ppm)	0.00000 ppm
Zinc(Zn)	0-0.1 (ppm)	0.00000 ppm
Copper(Cu)	0-0.02 (ppm)	0.00000 ppm
Strontium(Sr)	0-0.1 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-0.1 (ppm)	0.00000 ppm
Cobalt(Co)	0-0.02 (ppm)	0.00000 ppm
Ethyl acetate by GC	0-0.01 (%)	0.00500 %
Iron(Fe)	0-0.1 (ppm)	0.00000 ppm
Nickel(Ni)	0-0.02 (ppm)	0.00000 ppm
Sodium(Na)	0-0.5 (ppm)	0.00000 ppm
Manganese(Mn)	0-0.02 (ppm)	0.00000 ppm
Refractive index n ₂₀ /D	1.45-1.454	1.45200
(Pb)Lead	0-0.1 (ppm)	0.00000 ppm
Potassium(K)	0-0.5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-0.1 (ppm)	0.00000 ppm
Chromium(Cr)	0-0.02 (ppm)	0.00000 ppm
Appearance (A110370)	Colorless to light yellow liquid	Colorless to light yellow liquid



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Parameter

Infrared spectrum

Limit Values

Conforms to Structure

Result

Conforms to Structure

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

John Su
QA & QC Manager