

Certificate of Analysis

Date of Testing: 2025-06-21 15:11:30

Date of Next Testing: 2029-06-20 15:11:30

Product Name: **Acetylacetone**

CAS Number: 123-54-6

Specifications & Purity: Ultra pure, $\geq 99.5\%$ (GC)

Lot #: F2512108

SKU #: **A110370**

Version: **0**

Analysis #: **515769**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Lithium(Li)	0-0.1 (ppm)	0.00 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.00 ppm
Purity(GC)	99.5-100 (%)	99.83 %
Calcium(Ca)	0-0.5 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.00 ppm
Density (20°C)	0.973-0.978	0.97
Barium(Ba)	0-0.1 (ppm)	0.00 ppm
Purity(Based On Trace Metals Analysis)	99.9997-100 (%)	100.00 %
Aluminum(Al)	0-0.5 (ppm)	0.00 ppm
Zinc(Zn)	0-0.1 (ppm)	0.00 ppm
Copper(Cu)	0-0.02 (ppm)	0.00 ppm
Strontium(Sr)	0-0.1 (ppm)	0.00 ppm
Molybdenum(Mo)	0-0.1 (ppm)	0.00 ppm
Cobalt(Co)	0-0.02 (ppm)	0.00 ppm
Ethyl acetate by GC	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.1 (ppm)	0.00 ppm
Nickel(Ni)	0-0.02 (ppm)	0.00 ppm
Sodium(Na)	0-0.5 (ppm)	0.00 ppm
Manganese(Mn)	0-0.02 (ppm)	0.00 ppm
Refractive index n ₂₀ /D	1.45-1.454	1.45
(Pb)Lead	0-0.1 (ppm)	0.00 ppm
Potassium(K)	0-0.5 (ppm)	0.00 ppm
Bismuth(Bi)	0-0.1 (ppm)	0.00 ppm
Chromium(Cr)	0-0.02 (ppm)	0.00 ppm
Appearance (A110370)	Colorless to light yellow liquid	Colorless to light yellow liquid



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager