

Certificate of Analysis

Date of Testing: 2022-03-11 11:45:26
 Date of Next Testing: 2026-03-10 11:45:26
 Product Name: **Acetylacetone**
 CAS Number: 123-54-6
 Specifications & Purity: Ultra pure, ≥99.5% (GC)
 Lot #: C2205172
 SKU #: **A110370**
Analysis: **077328**
 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 (%)	99.86 %
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
Infrared spectrum	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