

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-15 14:05:38  
 Date of Next Testing: 2026-11-14 14:05:38  
 Product Name: **Acetaldehyde**  
 CAS Number: 75-07-0  
 Specifications & Purity: puriss. p.a., anhydrous, ≥99.5% (GC)  
 Lot #: K2307363  
 SKU #: **A433553**  
**Analysis:** **240433**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.331-1.333	1.33
Purity(GC)	99.5-100 (%)	99.80 %
Residue on Evaporation	0-0.002 (%)	0.00 %
Acetic Acid	0-0.5 (%)	0.11 %
Aluminum(Al)	0-500 (ppb)	10.00 ppb
Barium(Ba)	0-100 (ppb)	10.00 ppb
Bismuth(Bi)	0-100 (ppb)	10.00 ppb
Calcium(Ca)	0-500 (ppb)	10.00 ppb
Cadmium(Cd)	0-50 (ppb)	10.00 ppb
Cobalt(Co)	0-20 (ppb)	10.00 ppb
Chromium(Cr)	0-20 (ppb)	10.00000 ppb
Copper(Cu)	0-20 (ppb)	10.00 ppb
Iron(Fe)	0-500 (ppb)	10.00 ppb
Potassium(K)	0-500 (ppb)	10.00 ppb
Lithium(Li)	0-100 (ppb)	10.00 ppb
Magnesium(Mg)	0-100 (ppb)	10.00 ppb
Manganese(Mn)	0-20 (ppb)	10.00 ppb
Molybdenum(Mo)	0-100 (ppb)	10.00 ppb
Sodium(Na)	0-500 (ppb)	10.00 ppb
Nickel(Ni)	0-20 (ppb)	10.00 ppb
Lead(Pb)	0-100 (ppb)	10.00 ppb
Strontium(Sr)	0-100 (ppb)	10.00 ppb
Zinc(Zn)	0-100 (ppb)	10.00 ppb
Appearance(A433553)	Colorless Liquid	Colorless liquid



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

John Su  
QA & QC Manager