

## Certificate of Analysis

Date of Testing: 2023-12-08 09:08:15  
Date of Next Testing: 2027-12-07 09:08:15  
Product Name: **Acetaldehyde**  
CAS Number: 75-07-0  
Specifications & Purity: 99%  
Lot #: L2306241  
SKU #: **A639642**  
**Analysis:** **302375**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.90%
Refractive index n <sub>20</sub> /D	1.331-1.333	1.33
Residue on Evaporation	0-0.006 (%)	0.00%
Acidity (as Acetic Acid)	0-0.25 (%)	0.08%
Acid Value	0-5 (mgKOH/g)	0.90 mgKOH/g
Arsenic(As)	0-3 (ppm)	1.00000 ppm
Cadmium(Cd)	0-1 (ppm)	1.00 ppm
Mercury(Hg)	0-1 (ppm)	1.00 ppm
Lead(Pb)	0-10 (ppm)	1.00 ppm
Appearance(A639642)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager