

## Certificate of Analysis

Date of Testing: 2023-12-12 11:35:05  
Date of Next Testing: 2025-12-01 11:35:05  
Product Name: **Ethyl acetoacetate**  
CAS Number: 141-97-9  
Specifications & Purity: >99.0%(GC)  
Lot #: L2308499  
SKU #: **E103939**  
Analysis: **300190**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.53%
Density (20°C)	1.027-1.032	1.03
ethanol(GC)	0-0.2 (%)	0.14%
Refractive index n <sub>20</sub> /D	1.418-1.421	1.42
Water by Karl Fischer	0-0.1 (%)	0.03%
Appearance (E103939)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager