

## Certificate of Analysis

Date of Testing: 2023-03-18 15:33:30  
Date of Next Testing: 2025-03-07 15:33:30  
Product Name: **Ethyl acetoacetate**  
CAS Number: 141-97-9  
Specifications & Purity: >99.0%(GC)  
Lot #: C2314358  
SKU #: **E103939**  
Analysis: **187732**

Parameter	Limit Values	Result
Density (20°C)	1.027-1.032	1.03
ethanol(GC)	0-0.2 (%)	0.13 %
Refractive index n <sub>20</sub> /D	1.418-1.421	1.42
Water by Karl Fischer	0-0.1 (%)	0.04 %
Purity(GC)	99-100 (%)	99.43 %
Appearance (E103939)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager