

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2024-05-13 19:41:59  
Date of Next Testing: 2026-05-03 19:41:59  
Product Name: **Ethyl acetoacetate**  
CAS Number: 141-97-9  
Specifications & Purity: AR, ≥98%  
Lot #: E2409039  
SKU #: **E103937**  
Version: 5  
Analysis #: **357534**  
Storage Temperature: Room temperature, Cool

Parameter	Limit Values	Result
Acidity (CH <sub>3</sub> COOH)	0-0.1 (%)	0.02000 %
Water by Karl Fischer	0-0.5 (%)	0.03200 %
Refractive index n <sub>20</sub> /D	1.419-1.4196	1.41930
Purity(GC)	98-100 (%)	99.52900 %
Density (20°C)	1.02-1.029	1.02900
Boiling range,180.0-181.5°C	Conforms	Conforms



John Su  
QA & QC Manager