

## Certificate of Analysis

Date of Testing: 2023-07-17 14:27:50  
Date of Next Testing: 2027-07-16 14:27:50  
Product Name: **Ethyl 1-Adamantanecarboxylate**  
CAS Number: 2094-73-7  
Specifications & Purity: >98.0%(GC)  
Lot #: G2311020  
SKU #: **E156169**  
Analysis: **252897**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.00%
Refractive index n <sub>20</sub> /D	1.488-1.49	1.49
Density (20°C)	1.052-1.055	1.05
Appearance (E156169)	Colorless, transparent liquid	Colorless, transparent liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager