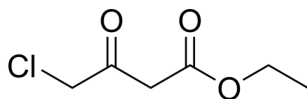


Certificate of Analysis

Compound Information

Product Name:	Ethyl 4-chloroacetoacetate
Cat. No.:	1051000
CAS No.:	638-07-3
Molecular Formula:	C ₆ H ₉ ClO ₃
Molecular Weight:	164.59
Chemical Structure:	



Batch Information

Batch No.:	Lc0124013
Storage:	Storage temp. 2-8°C
Test Date:	2019-01-24
Retest Date:	2026-01-23
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai