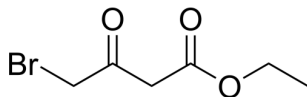


Certificate of Analysis

Compound Information

Product Name:	Ethyl 4-bromoacetoacetate
Cat. No.:	1050950
CAS No.:	13176-46-0
Molecular Formula:	C ₆ H ₉ BrO ₃
Molecular Weight:	209.04
Chemical Structure:	



Batch Information

Batch No.:	Lb1224015
Storage:	Storage temp. 2-8°C
Test Date:	2018-12-24
Retest Date:	2021-12-23
Origin:	Shanghai, China

QC Summary

Appearance:	Light yellow to brown (Liquid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥80.0%
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