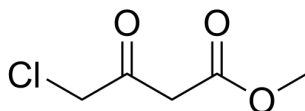


Certificate of Analysis

Compound Information

Product Name:	Methyl 4-chloro-3-oxobutanoate
Cat. No.:	1114888
CAS No.:	32807-28-6
Molecular Formula:	C ₅ H ₇ ClO ₃
Molecular Weight:	150.56
Chemical Structure:	



Batch Information

Batch No.:	Le051971289
Storage:	Storage temp. 2-8°C
Test Date:	2021-05-19
Retest Date:	2024-05-18
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Water(KF):	0.12%
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