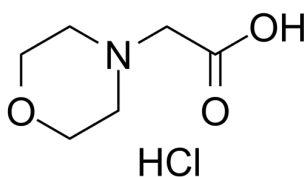


Certificate of Analysis

Compound Information

Product Name:	4-Morpholineacetic acid hydrochloride
Cat. No.:	1045820
CAS No.:	89531-58-8
Molecular Formula:	C ₆ H ₁₂ ClNO ₃
Molecular Weight:	181.62
Chemical Structure:	



Batch Information

Batch No.:	Lf0318127080
Storage:	Store at room temperature, keep dry and cool
Mfg. Date:	2019-03-13
Retest Date:	2024-03-12
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
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