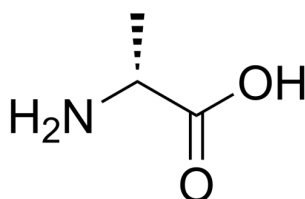


Certificate of Analysis

Compound Information

Product Name:	D-Alanine
Cat. No.:	1030044
CAS No.:	338-69-2
Molecular Formula:	C ₃ H ₇ NO ₂
Molecular Weight:	89.09
Chemical Structure:	



Batch Information

Batch No.:	Lf1212189648
Storage:	Storage temp. 2-8°C
Mfg. Date:	2022-12-12
Retest Date:	2025-12-11
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Water(KF):	0.07%
Residue on Ignition:	0.06%
OR(C=1.00g/100ml 1N/HCL):	-15.1°
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