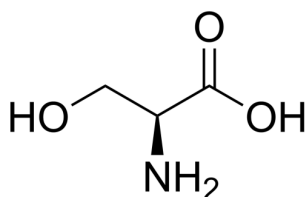


Certificate of Analysis

Compound Information

Product Name:	L-Serine
Cat. No.:	1036060
CAS No.:	56-45-1
Molecular Formula:	C ₃ H ₇ NO ₃
Molecular Weight:	105.09
Chemical Structure:	



Batch Information

Batch No.:	Le051971288
Storage:	Storage temp. 2-8°C
Test Date:	2021-05-19
Retest Date:	2024-05-18
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.07%
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