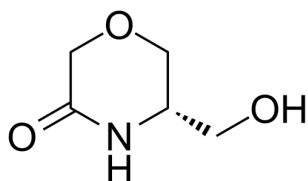


Certificate of Analysis

Compound Information

Product Name:	(S)-5-(Hydroxymethyl)morpholin-3-one
Cat. No.:	1217329
CAS No.:	1389384-57-9
Molecular Formula:	C ₅ H ₉ NO ₃
Molecular Weight:	131.13
Chemical Structure:	



Batch Information

Batch No.:	Lf0712146221
Storage:	Storage temp. 2-8°C
Mfg. Date:	2022-07-12
Retest Date:	2025-07-11
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥95.0%
Chloride:	<0.05%
Sulfate:	<0.03%
Specific rotation:	14.6°
Iron:	<0.003%
Heavy metal:	<0.0015%
Loss on Drying:	0.12%
Residue on Ignition:	0.08%
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

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