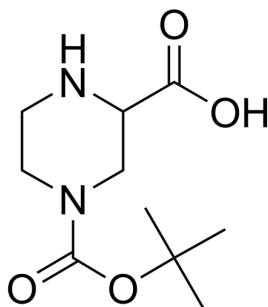


Certificate of Analysis

Compound Information

Product Name:	1-Boc-piperazine-3-carboxylic acid
Cat. No.:	1052030
CAS No.:	128019-59-0
Molecular Formula:	C ₁₀ H ₁₈ N ₂ O ₄
Molecular Weight:	230.26
Chemical Structure:	



Batch Information

Batch No.:	Lf0817161075
Storage:	Store at room temperature
Test Date:	2022-08-17
Retest Date:	2027-08-16
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
OR(C=0.50g/100ml H₂O):	3.0°
Water(KF):	0.67%
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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