



Certificate of Analysis

Compound Information

Product Name: 1-N-Boc-piperazine-3-carboxylic acid methyl ester

 Cat. No.:
 1019314

 CAS No.:
 129799-08-2

 Molecular Formula:
 $C_{11}H_{20}N_2O_4$

Molecular Weight: 244.29

Chemical Structure:

HN O

Batch Information

Batch No.: Lg1008310260

Storage: 2-8°C, protect from light

 Test Date:
 2023-10-08

 Retest Date:
 2026-10-07

Origin: Shanghai, China

QC Summary

Appearance: White to light yellow (Solid)

1 H NMR Spectrum: Consistent with structure

Purity (NMR): ≥96.0% Water(KF): 0.38%

Optical Rotation[α]: 1.4° (C=1g/100ml CHCL3)

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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