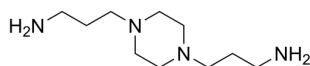


Certificate of Analysis

Compound Information

Product Name:	3,3'-(Piperazine-1,4-diyl)bis(propan-1-amine)
Cat. No.:	1141872
CAS No.:	7209-38-3
Molecular Formula:	C ₁₀ H ₂₄ N ₄
Molecular Weight:	200.32436
Chemical Structure:	



Batch Information

Batch No.:	Lg0915305648
Storage:	2-8°C, protect from light
Test Date:	2023-09-15
Retest Date:	2026-09-14
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (GC):	99.33%
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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