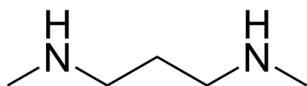


Certificate of Analysis

Compound Information

Product Name:	N,N'-Dimethyl-1,3-propylenediamine
Cat. No.:	1016871
CAS No.:	111-33-1
Molecular Formula:	C ₅ H ₁₄ N ₂
Molecular Weight:	102.18
Chemical Structure:	



Batch Information

Batch No.:	Lf0724148528
Storage:	Storage temp. -20°C
Mfg. Date:	2022-07-26
Retest Date:	2025-07-25
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹ H NMR Spectrum:	Consistent with structure
Purity (GC):	99.34%
Water(KF):	0.71%
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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