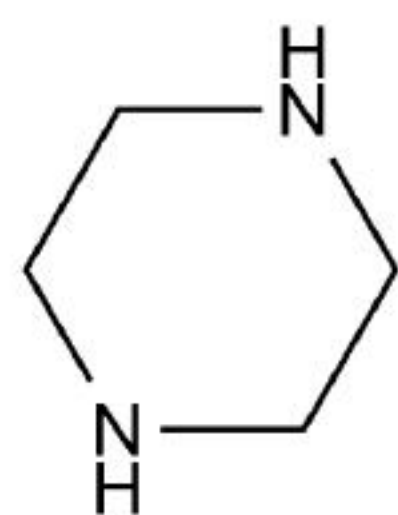


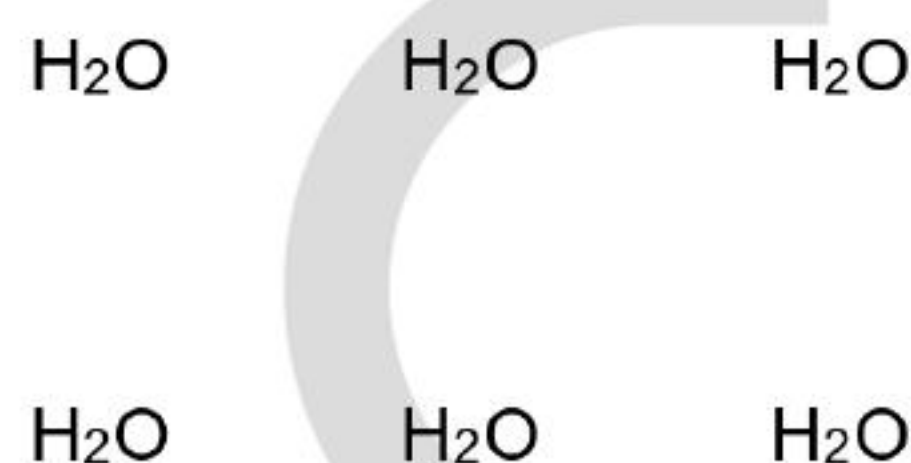
Certificate of Analysis

Reference Material & Standard

Product Name:	Piperazine Hydrate	Catalogue Number:	C1288269
Synonyms:	N/A	Lot Number:	0225-RG-0045
CAS Number:	142-63-2	Expiry Date:	Feb 25, 2028
Molecular Formula:	C ₄ H ₁₀ N ₂ 6*H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	86.14 6*18.02	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 26, 2025

Date: Feb 26, 2025

Date: Feb 26, 2025

