

Technical Data Sheet

Cysteamine

Compound Information

Product Name:	Cysteamine
CAS No.:	60-23-1
Molecular Formula:	C ₂ H ₇ NS
Molecular Weight:	77.15
Storage:	Store at 0 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	2-Aminoethanethiol (cysteamine) is a radiation-protective agent that oxidizes in air to form cystamine.
Form	Powder
Color	White to slightly yellow
Assay by titration	≥ 99%
Melting Point	94 °C - 99 °C
Solubility	DMSO 15 mg/mL; Water 15 mg/mL
MS	Pass test
1H NMR	Pass test
IR	Pass test

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