

Certificate of Analysis

Reference Material & Standard

Product Name:	2-Mercaptoethanol	Catalogue Number:	CCHM701508
Synonyms:	N/A	Lot Number:	0626-RE-0036
CAS Number:	60-24-2	Expiry Date:	Sep 08, 2030
Molecular Formula:	C ₂ H ₆ OS	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	78.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.4%
Assay	qNMR	90.1%
Uncertainty		±1.8%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 09, 2026

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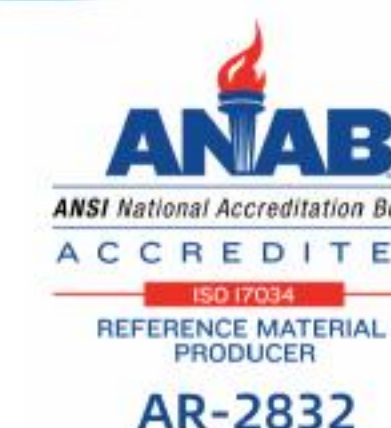
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