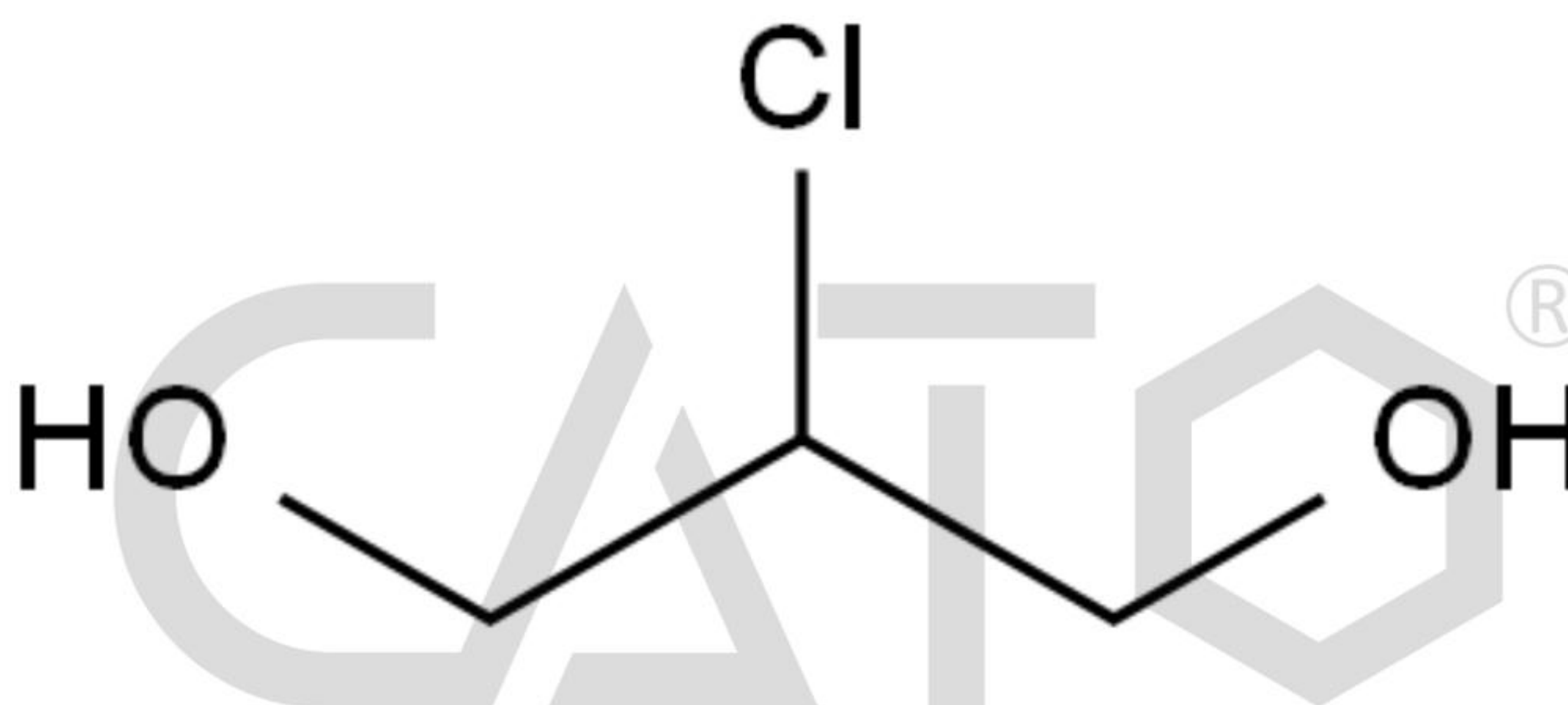


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Chloropropane-1,3-Diol	Catalogue Number:	CCHM700916
Synonyms:	N/A	Lot Number:	1215-RG-0091
CAS Number:	497-04-1	Expiry Date:	Dec 14, 2029
Molecular Formula:	C ₃ H ₇ ClO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	110.54	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	GC	99.5%
Assay	qNMR	94.8%
Uncertainty		±1.1%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 18, 2025

Date: Dec 18, 2025

Date: Dec 18, 2025



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