

Certificate of Analysis

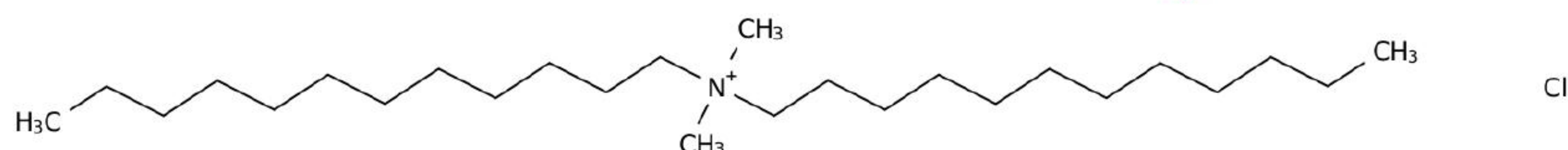
Reference Material & Standard

Product Name:	Didodecyldimethylammonium Chloride	Catalogue Number:	CCHM702606
Synonyms:	N/A	Lot Number:	0603-RG-0075
CAS Number:	3401-74-9	Expiry Date:	Jun 02, 2029
Molecular Formula:	C ₂₆ H ₅₆ N Cl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	382.73 35.45	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.5%
Assay	qNMR	97.0%
Uncertainty		±0.3%

Comment:

CATO Research Chemicals Inc.

1. Assay was determined by quantitative ¹H-NMR.
2. 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:

Hinlam

Approved by General Manager:

David

Date: Jun 03, 2025

Date: Jun 03, 2025

Date: Jun 03, 2025



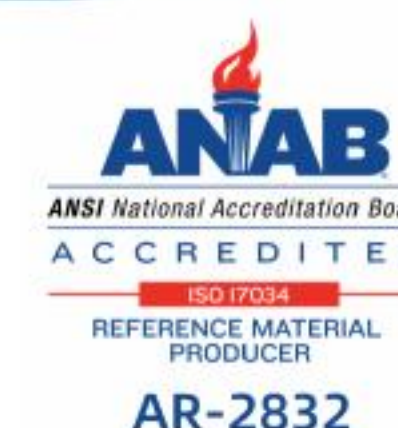
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Page 1 of 7



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