

Certificate of Analysis

Product Name: Didodecyltrimethylammonium Chloride
Cat. No.: GD10041
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 3401-74-9
Molecular Formula: C₂₆H₅₆ClN
Molecular Weight: 418.183
Storage: argon filling

Chemical Structure:
$$\text{CH}_3(\text{CH}_2)_{11}-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{N}^+}}(\text{CH}_2)_{11}\text{CH}_3 \quad \text{Cl}^-$$

ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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