

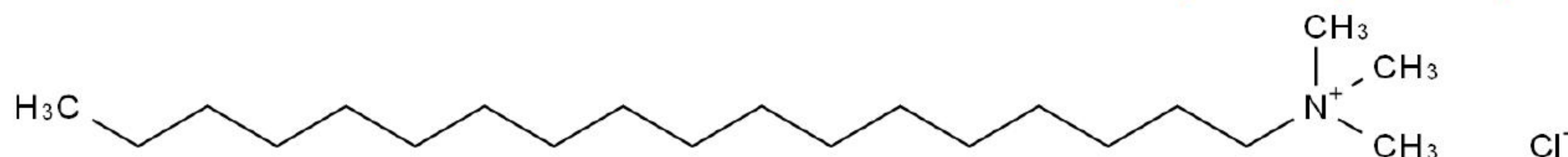
Certificate of Analysis

Reference Material & Standard

Product Name:	Trimethylstearylammmonium Chloride	Catalogue Number:	CCHM701768
Synonyms:	N/A	Lot Number:	0306-RF-0054
CAS Number:	112-03-8	Expiry Date:	Mar 05, 2028
Molecular Formula:	C ₂₁ H ₄₆ N Cl	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	312.60 35.45	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	93.5%
Uncertainty		±2.0%

Comment:

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:

Lisa

Aporoved by General Manager:

David

Date: Mar 06, 2024

Date: Mar 06, 2024

Date: Mar 06, 2024

