

Certificate of Analysis

Reference Material & Standard

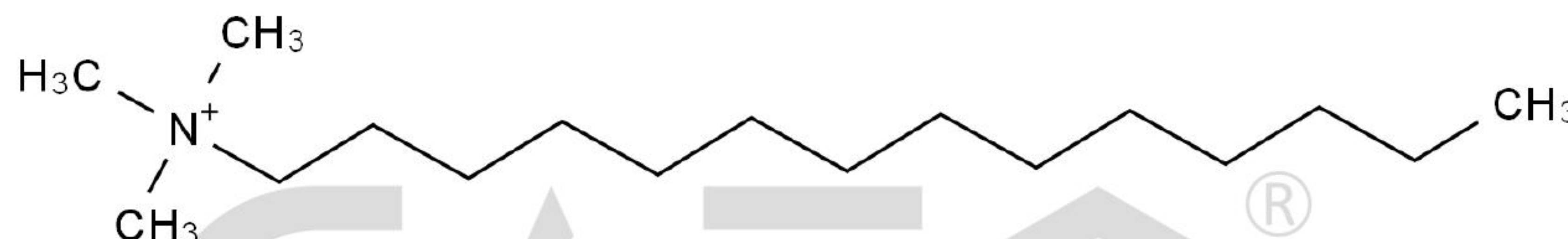
Product Name:	Cetrimide	Catalogue Number:	CCAD300122
Synonyms:	N/A	Lot Number:	1107-RE-0040
CAS Number:	1119-97-7	Expiry Date:	Nov 05, 2027
Molecular Formula:	C ₁₇ H ₃₈ N Br	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	256.49 79.90	Shipping Condition:	Shipping at Room Temperature

Warning:



Br⁻

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.4%
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

Approved by General Manager:

David

Date: Nov 06, 2023

Date: Nov 07, 2023

Date: Nov 07, 2023



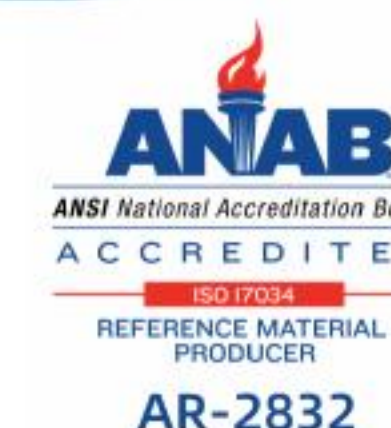
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