



CERTIFICATE OF ANALYSIS

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1. Identification

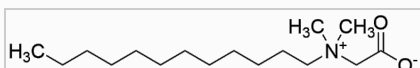
Catalogue Number: L178750

CAS Number: 683-10-3

Synonym: N-(Carboxymethyl)-N,N-dimethyl-1-dodecanaminium Inner Salt; AM 301; Adeka Amphote AB 35L; Ambiteric D 40; Amogen S; Amphitol 20BS; Anfoterico LB; Anon BL; Anon BL-SF; BS 12 (betaine surfactant); Betainelauryldimethylaminoacetate; Culveram CDG; DDN; Desimex i; Dimethyldodecylbetaine; Dimethylaurylbetaine; Dodecyldimethylbetaine; Genagen LAB; Lauryl-N-methylsarcosine; Laurylbetaine; Lauryldimethylaminoacetate betaine; Lonzaine 12S; Makam LB 35; N,N-Dimethyl-N-laurylglycine Inner Salt; N-(Carboxymethyl)

Product: Lauryl Betaine

Structure:



Molecular Formula:

C₁₆H₃₃NO₂

Molecular weight:

271.44

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly, Heated), Methanol (Slightly)

Lot Number: 12-JKL-138-3

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 69.17, %H: 12.27, %N: 5.01
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.13% (ELSD)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	3/1/2022	2/27/2026
				