

## Certificate of Analysis

Date of Testing: 2024-07-17 14:55:17  
Date of Next Testing: 2028-07-16 14:55:17  
Product Name: **3-(N,N-Dimethylpalmitylammonio)propanesulfonate**  
CAS Number: 2281-11-0  
Specifications & Purity: 98%  
Lot #: G2410021  
SKU #: **D105325**  
Version: **1**  
Analysis #: **110214**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.4-3.7 (%)	3.48 %
Water by Karl Fischer	0-5 (%)	0.79 %
Carbon by Elemental Analysis	63.1-65.7 (%)	63.91 %
Purity(HPLC)	98-100 (%)	99.61300 %
Appearance (D105325)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless Clear , 25mg/ml, H <sub>2</sub> O	pass	Pass
Suitability for protein-analysis	to pass test	to pass test



John Su  
QA & QC Manager