

## Certificate of Analysis

Date of Testing: 2024-11-28 19:03:37  
Date of Next Testing: 2028-11-27 19:03:37  
Product Name: **3-(N,N-Dimethylpalmitylammonio)propanesulfonate**  
CAS Number: 2281-11-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2428254  
SKU #: **D105325**  
Version: **2**  
Analysis #: **430922**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.4-3.7 (%)	3.63 %
Water by Karl Fischer	0-5 (%)	1.90 %
Carbon by Elemental Analysis	63.1-65.7 (%)	63.92 %
Purity(HPLC)	98-100 (%)	99.86200 %
Appearance (D105325)	White powder	White powder
Solubility in H <sub>2</sub> O , Colorless Clear , 25mg/ml, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager