

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-24 15:19:42

Date of Next Testing: 2029-07-23 15:19:42

Product Name: **3-(N,N-Dimethylpalmitylammonio)propanesulfonate**

CAS Number: 2281-11-0

Specifications & Purity: $\geq 98\%$

Lot #: G2517245

SKU #: **D105325**

Version: **2**

Analysis #: **537028**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.4-3.7 (%)	3.67900 %
Water by Karl Fischer	0-5 (%)	0.54890 %
Carbon by Elemental Analysis	63.1-65.7 (%)	64.37100 %
Purity(HPLC)	98-100 (%)	99.88200 %
Appearance (D105325)	White powder	White powder
Solubility in H ₂ O , Colorless Clear , 25mg/ml, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager