

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-06 11:53:42  
Date of Next Testing: 2028-06-05 11:53:42  
Product Name: **3-(N,N-Dimethylmyristylammonio)propanesulfonate**  
CAS Number: 14933-09-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2405490  
SKU #: **M105324**  
Version: **2**  
Analysis #: **362615**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.46400 %
Water by Karl Fischer	$\leq 1\%$	0.43630 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.04407 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Appearance (M105324)	White Powder or Chunks	White Powder or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless solution at 50mg/ml	pass	Pass



John Su  
QA & QC Manager