

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-22 13:16:39  
Date of Next Testing: 2027-06-22 13:16:39  
Product Name: **N,N,N-Trimethyldocosan-1-aminium chloride**  
CAS Number: 17301-53-0  
Specifications & Purity: 80%  
Lot #: F2417183  
SKU #: **N587655**  
Version: **4**  
Analysis #: **359420**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
PH(5%IPA:H2O=1:9)	6-8	6.10000
Amine Content(M=353)	0-2 (%)	0.16000 %
Active substance content	80-100 (%)	87.62000 %
Volatile Matter	0-22 (%)	17.41520 %
Appearance(N587655)	Yellowish to white granule solid	Yellowish to white granule solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager