

Certificate of Analysis

Date of Testing: 2022-06-07 11:30:49

Date of Next Testing: 2024-05-27 11:30:49

Product Name: **Dodecyltrimethylammonium bromide**

CAS Number: 1119-94-4

Specifications & Purity: 99%

Lot #: E2231433

SKU #: **D105301**

Analysis: **082942**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	58.10 %
Purity(Titration by AgNO3)	99-100 (%)	99.10 %
Appearance (D105301)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass



John Su
QA & QC Manager