

Certificate of Analysis

Date of Testing: 2023-01-31 10:49:56
Date of Next Testing: 2025-01-20 10:49:56
Product Name: **Dodecyltrimethylammonium bromide**
CAS Number: 1119-94-4
Specifications & Purity: 99%
Lot #: A2310146
SKU #: **D105301**
Analysis: **165940**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	57.90 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.08 %
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 H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager