

Certificate of Analysis

Date of Testing: 2025-03-14 09:46:59

Date of Next Testing: 2027-03-04 09:46:59

Product Name: **Dodecylethyldimethylammonium bromide**

CAS Number: 68207-00-1

Specifications & Purity: $\geq 99\%$

Lot #: F2315742

SKU #: **D113032**

Version: **0**

Analysis #: **480764**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Melting point	185-190 (°C)	185.40000 °C
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.40 %
Appearance (D113032)	colorless or white solid	colorless or white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless , Clear , 50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager