

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-28 09:12:00

Date of Next Testing: 2028-10-27 09:12:00

Product Name: **Dimethyldioctadecylammonium bromide**

CAS Number: 3700-67-2

Specifications & Purity: >98%

Lot #: J2521077

SKU #: **S70876**

Version: **0**

Analysis #: **596548**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98-102 (%)	99.05 %
Carbon by Elemental Analysis	70.5-74.1 (%)	72.55 %
Melting point	154-162 (°C)	157.00000 °C
Nitrogen by Elemental Analysis	1.9-2.5 (%)	2.26 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Light Yellow Clear to Hazy(100mg/ml)	pass	Pass
Appearance(S70876)	White to Off-White Powder	White to Off-White Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

