

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-05-17 17:02:18
 Date of Next Testing: 2025-05-16 17:02:18
 Product Name: **Benzyldimethyldodecylammonium chloride**
 CAS Number: 139-07-1
 Specifications & Purity: $\geq 99\%$
 Lot #: E2112043
 SKU #: **B100950**
 Version: **2**
 Analysis #: **012304**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	72.1-74.2 (%)	74.10 %
Nitrogen by Elemental Analysis (anhydrous)	3.8-4.2 (%)	3.85 %
Purity(Titration by AgNO ₃)	99-101 (%)	99.14 %
Water by Karl Fischer	8-11 (%)	9.72 %
Melting point	42-46 (°C)	42.08000 °C
Purity(HPLC)	99-100 (%)	99.02000 %
Appearance (B100950)	Colorless to White to Yellow powder or crystals	Colorless to White to Yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager