

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-14 15:21:27
Date of Next Testing: 2026-05-04 15:21:27
Product Name: **Dihexadecyldimethylammonium bromide**
CAS Number: 70755-47-4
Specifications & Purity: 97%
Lot #: H2211268
SKU #: **D111776**
Analysis: **357792**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	97.93 %
Water by Karl Fischer	0-3 (%)	2.08 %
Appearance (D111776)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager