

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-18 09:06:59

Date of Next Testing: 2027-02-08 09:06:59

Product Name: **Dihexadecyldimethylammonium bromide**

CAS Number: 70755-47-4

Specifications & Purity: $\geq 97\%$

Lot #: B2517326

SKU #: **D111776**

Version: **0**

Analysis #: **474018**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	97.93000 %
Water by Karl Fischer	0-3 (%)	2.08000 %
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