

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-27 18:42:12  
Date of Next Testing: 2025-06-16 18:42:12  
Product Name: **Dihexadecyldimethylammonium bromide**  
CAS Number: 70755-47-4  
Specifications & Purity: 97%  
Lot #: F2316979  
SKU #: **D111776**  
**Analysis:** **111795**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	96.5-103.5 (%)	97.95 %
Water by Karl Fischer	0-3 (%)	2.10 %
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