

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-24 13:55:22  
Date of Next Testing: 2027-12-24 13:55:22  
Product Name: **Benzyl dodecyldimethylammonium Chloride Dihydrate**  
CAS Number: 147228-80-6  
Specifications & Purity:  $\geq 95\%$   
Lot #: L2416111  
SKU #: **B405148**  
Version: **2**  
Analysis #: **454086**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	8-11 (%)	8.30 %
Purity(Titration by AgNO <sub>3</sub> )	94.5-105.5 (%)	95.24 %
Appearance(B405148)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager