

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-10-09 13:29:27

Date of Next Testing: 2029-10-08 13:29:27

Product Name: **Benzyl dimethyl tetradecyl ammonium chloride dihydrate**

CAS Number: 147228-81-7

Specifications & Purity:  $\geq 98\%$

Lot #: L2121321

SKU #: **B167374**

Version: **0**

Analysis #: **584284**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                | 99.91800 %                                    |
| Water by Karl Fischer                   | 0-10 (%)                                      | 9.20730 %                                     |
| Appearance (B167374)                    | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                     | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager