

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-07 09:12:04

Date of Next Testing: 2029-05-06 09:12:04

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

CAS Number: 139-08-2

Specifications & Purity: $\geq 98\%$

Lot #: D2526051

SKU #: **B105316**

Version: **0**

Analysis #: **103299**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	8.60530 %
Purity(HPLC)(as C14)	95-100 (%)	97.59000 %
Purity(TPBNA Method)(calcd. on anhydrous substance)	98-100 (%)	99.89000 %
Appearance (B105316)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager