

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 14:32:04
 Date of Next Testing: 2026-09-05 14:32:04
 Product Name: **Benzyl dimethyl tetradecyl ammonium chloride hydrate**
 CAS Number: 139-08-2
 Specifications & Purity: $\geq 98\%$
 Lot #: I2202429
 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