

Certificate of Analysis

Date of Testing: 2023-10-08 15:42:20

Date of Next Testing: 2027-10-07 15:42:20

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

CAS Number: 139-08-2

Specifications & Purity: 98%

Lot #: 12319088

SKU #: **B105316**

Analysis: **060242**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	10.04 %
Purity(TPBNA Method)(calcd. on anhydrous substance)	98-100 (%)	99.79 %
Purity(HPLC)(as C14)	95-100 (%)	99.72 %
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
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager