

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-31 13:36:13
 Date of Next Testing: 2026-08-21 13:36:13
 Product Name: (Tri-n-butyl)-n-tetradecylphosphonium chloride
 CAS Number: 81741-28-8
 Specifications & Purity: $\geq 97\%$
 Lot #: H2419585
 SKU #: T121853
 Version: 1
 Analysis #: 396248
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	102.31000 %
Appearance (T121853)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager