

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-31 14:23:40  
Date of Next Testing: 2026-08-21 14:23:40  
Product Name: **(Tri-n-butyl)-n-tetradecylphosphonium chloride**  
CAS Number: 81741-28-8  
Specifications & Purity:  $\geq 97\%$   
Lot #: H2419583  
SKU #: **T121853**  
Version: **1**  
Analysis #: **396248**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	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