

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-13 09:19:29

Date of Next Testing: 2025-04-02 09:19:29

Product Name: (Tri-n-butyl)-n-tetradecylphosphonium chloride

CAS Number: 81741-28-8

Specifications & Purity: $\geq 97\%$

Lot #: D23061292

SKU #: T121853

Version: 1

Analysis #: 040677

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	102.80000 %
Appearance (T121853)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager