

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-09 11:26:14

Date of Next Testing: 2028-02-09 11:26:14

Product Name: **Tributyl(cyanomethyl)phosphonium Chloride**

CAS Number: 82358-61-0

Specifications & Purity: $\geq 98\%$ (T)

Lot #: H2018084

SKU #: **T162789**

Version: **0**

Analysis #: **652372**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.61000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.29000 %
Appearance (T162789)	White to off-white crystalline solid	White to off-white crystalline solid
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager