

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-04 11:23:14

Date of Next Testing: 2029-03-03 11:23:14

Product Name: **Tributylammonium pyrophosphate**

CAS Number: 5975-18-8

Specifications & Purity: $\geq 98\%$

Lot #: E23161040

SKU #: **T332771**

Version: **1**

Analysis #: **658769**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.83400 %
Carbon by Elemental Analysis(anhydrous)	46.0-48.8 (%)	48.70000 %
Nitrogen by Elemental Analysis (anhydrous)	4.4-4.8 (%)	4.68000 %
mol/mol(Tributylammonium Content:Pyrophosphate)	1.25 - 1.75	1.26000
Appearance(T332771)	white to off-white powder or chunks	White to Off-White Powder or Chunks
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager