

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-08 15:38:16

Date of Next Testing: 2026-06-07 15:38:16

Product Name: **Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate**

CAS Number: 465527-59-7

Specifications & Purity: 90%

Lot #: F2307008

SKU #: **T282163**

**Analysis:** **218986**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.20 %
Carbon by Elemental Analysis	66.73-82.39 (%)	71.31 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Appearance(T282163)	Light Yellow to Very Dark Yellow to Very Dark Brown liquid	Light Yellow to Very Dark Yellow to Very Dark Brown Liquid or Viscous Liquid



John Su  
QA & QC Manager