

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-07 17:59:45
 Date of Next Testing: 2026-04-06 17:59:45
 Product Name: **Phosphazene base P4-t-Bu solution**
 CAS Number: 111324-04-0(Hexane)
 Specifications & Purity: ~0.8 M in hexane
 Lot #: C23241567
 SKU #: **P334666**
 Version: **1**
 Analysis #: **194866**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.430 - 1.460	1.44500
Concentration	0.75 - 0.85 (mol/L)	0.81000 mol/L
Appearance (P334666)	Colorless to Very Faint Yellow and Colorless to Very Faint Brown-Yellow Liquid	Colorless to Very Faint Yellow and Colorless to Very Faint Brown-Yellow Liquid
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager