

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-22 17:15:10
 Date of Next Testing: 2028-05-21 17:15:10
 Product Name: Trihexyl(tetradecyl)phosphonium Dicyanamide
 CAS Number: 701921-71-3
 Specifications & Purity: $\geq 95\%$ (qNMR)
 Lot #: E2413544
 SKU #: T162753
 Version: 1
 Analysis #: 354102
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(Quantitative NMR)	95-100 (%)	99.50000 %
Water by Karl Fischer	0-2 (%)	0.20000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(T162753)	Colorless to yellow to Green-Yellow to Brown Liquid(may become slightly turbid onstorage)	Colorless to yellow to Green-Yellow to Brown Liquid(may become slightly turbid onstorage)
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager