

Certificate of Analysis

Date of Testing: 2024-05-22 17:15:50

Date of Next Testing: 2028-05-21 17:15:50

Product Name: Trihexyl(tetradecyl)phosphonium Dicyanamide

CAS Number: 701921-71-3

Specifications & Purity: $\geq 95\%$ (qNMR)

Lot #: E2413545

SKU #: T162753

Version: 1

Analysis #: 354102

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Quantitative NMR)	95-100 (%)	99.50000 %
Water by Karl Fischer	0-2 (%)	0.20 %
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