

Certificate of Analysis

Date of Testing: 2024-12-31 11:43:44
 Date of Next Testing: 2028-12-30 11:43:44
 Product Name: **Tris(diethylamino)phosphine**
 CAS Number: 2283-11-6
 Specifications & Purity: $\geq 97\%$
 Lot #: L2420848
 SKU #: **T124747**
 Version: **0**
 Analysis #: **456517**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.471-1.475	1.47
Purity(GC)	97-100 (%)	97.33 %
Density (20°C)	0.898-0.903	0.90
Appearance (T124747)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager