

## Certificate of Analysis

Date of Testing: 2023-04-12 15:17:51  
Date of Next Testing: 2025-04-01 15:17:51  
Product Name: **Di-tert-butylphosphine**  
CAS Number: 819-19-2  
Specifications & Purity: 98%  
Lot #: C2331017  
SKU #: **D137760**  
**Analysis:** **111502**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.40 %
Appearance (D137760)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager