

Certificate of Analysis

Date of Testing: 2023-10-16 09:16:22
Date of Next Testing: 2025-10-15 09:16:22
Product Name: **Bis[2-(diphenylphosphino)ethyl]ammonium chloride**
CAS Number: 66534-97-2
Specifications & Purity: $\geq 97\%$
Lot #: J2309255
SKU #: **B139157**
Analysis: **267900**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	66.80-71.80 (%)	69.85 %
Nitrogen by Elemental Analysis	2.7 -3.10 (%)	3.00 %
Purity(HPLC)	97-100 (%)	97.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager