

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-18 11:30:36
Date of Next Testing: 2026-09-18 11:30:36
Product Name: **Bis[2-(diphenylphosphino)ethyl]ammonium chloride**
CAS Number: 66534-97-2
Specifications & Purity: $\geq 97\%$
Lot #: K2230124
SKU #: **B139157**
Version: **2**
Analysis #: **411999**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.60000 %
Carbon by Elemental Analysis	66.80-71.80 (%)	66.90 %
Nitrogen by Elemental Analysis	2.7 -3.10 (%)	2.80 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager