

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-15 19:12:41  
Date of Next Testing: 2026-03-14 19:12:41  
Product Name: **Triphenyl(2-pyridylmethyl)phosphonium chloride hydrochloride**  
CAS Number: 99662-46-1  
Specifications & Purity:  
Lot #: C2311631  
SKU #: **T332291**  
Analysis: **177509**

Parameter	Limit Values	Result
Assay(Titration by AgNO3)	97.5-102.5 (%)	100.51 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(T332291)	white to off-white solid, powder or crystals	White to Off-White Solid, Powder or Crystals



John Su  
QA & QC Manager