

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-31 09:49:21  
 Date of Next Testing: 2029-03-30 09:49:21  
 Product Name: **Tetraphenylphosphonium Chloride**  
 CAS Number: 2001-45-8  
 Specifications & Purity:  $\geq 98\%$ (T)  
 Lot #: C2519678  
 SKU #: **T162792**  
 Version: **0**  
 Analysis #: **475060**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                        | Result                                              |
|-----------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                      | 101.60000 %                                         |
| Appearance (T162792)                    | White to Off-White to Beige Crystals, Granular powd | White to Off-White to Beige Crystals, Granular powd |
| Proton NMR spectrum                     | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager