

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-12 19:10:59  
 Date of Next Testing: 2028-06-01 19:10:59  
 Product Name: **Butyltriphenylphosphonium chloride**  
 CAS Number: 13371-17-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2609260  
 SKU #: **B102913**  
 Version: **3**  
 Analysis #: **698643**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                           | 223-232 (°C)                          | 226.59000 °C                          |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                        | 102.48000 %                           |
| Appearance (B102913)                    | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                     | Conforms to structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager