

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 12:01:40  
Date of Next Testing: 2026-11-29 12:01:40  
Product Name: **Bis(triphenylphosphoranylidene)ammonium chloride**  
CAS Number: 21050-13-5  
Specifications & Purity:  $\geq 96\%$   
Lot #: C2309105  
SKU #: **B102438**  
Version: **0**  
Analysis #: **445300**  
Storage Temperature: Argon charged

| Parameter                               | Limit Values                                  | Result  |
|---|---|---|
| Purity(Titration by AgNO <sub>3</sub> ) | 95.5-104.5 (%)                                | 103.20 %                                      |
| Melting point                           | 266-272 (°C)                                  | 271.97800 °C                                  |
| Appearance (B102438)                    | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Infrared spectrum                       | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager