

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-12 15:15:44

Date of Next Testing: 2025-09-01 15:15:44

Product Name: **Bis(triphenylphosphoranylidene)ammonium chloride (PPNCI)**

CAS Number: 21050-13-5

Specifications & Purity:  $\geq 96\%$

Lot #: L2106286

SKU #: **B102438**

Version **0**

Analysis #: **275007**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 95.5-104.5 (%)                                | 103.20000 %                                   |
| Melting point                           | 266-272 (°C)                                  | 271.98000 °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                         |



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QA & QC Manager