

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-29 14:32:46  
 Date of Next Testing: 2028-06-18 14:32:46  
 Product Name: **Ethyltriphenylphosphonium bromide (TEP)**  
 CAS Number: 1530-32-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2215534  
 SKU #: **E110246**  
 Version: **0**  
 Analysis #: **726027**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                          | Result                                |
|----------------------------------|---------------------------------------|---------------------------------------|
| Melting point                    | 206-210 (°C)                          | 209.10000 °C                          |
| Purity (Argentometric Titration) | 97.5-102.5 (%)                        | 102.40000 %                           |
| Loss on drying                   | 0-1 (%)                               | 0.50000 %                             |
| Appearance (E110246)             | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum              | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in MeOH               | almost transparency                   | almost transparency                   |



John Su  
QA & QC Manager