

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-24 14:54:59  
 Date of Next Testing: 2028-06-13 14:54:59  
 Product Name: **Tetraphenylphosphonium bromide**  
 CAS Number: 2751-90-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2615080  
 SKU #: **T102700**  
 Version: **0**  
 Analysis #: **731039**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                                      | Result                                            |
|---------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity (Argentmetric Titration) | 97-100 (%)                                        | 98.90000 %                                        |
| Purity(HPLC)                    | 98-100 (%)                                        | 98.02000 %                                        |
| Melting point                   | 295-302 (°C)                                      | 295.70000 °C                                      |
| Appearance (T102700)            | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| Infrared spectrum               | Conforms to Structure                             | Conforms to Structure                             |
| Solubility in hot H2O           | almost transparency                               | almost transparency                               |



John Su  
QA & QC Manager