

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-09 11:48:45

Date of Next Testing: 2024-07-29 11:48:45

Product Name: **Tetraphenylphosphonium bromide**

CAS Number: 2751-90-8

Specifications & Purity:  $\geq 98\%$

Lot #: G2222841

SKU #: **T102700**

Version: **0**

Analysis #: **094210**

Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                                      | Result                                            |
|---------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(HPLC)                    | 98-100 (%)                                        | 98.97800 %                                        |
| Melting point                   | 295-302 (°C)                                      | 297.23000 °C                                      |
| Purity (Argentmetric Titration) | 97-100 (%)                                        | 97.01000 %                                        |
| 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                               |



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QA & QC Manager