

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-20 11:25:23  
 Date of Next Testing: 2025-04-09 11:25:23  
 Product Name: **Triphenylphosphine oxide**  
 CAS Number: 791-28-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2102259  
 SKU #: **T106098**  
 Version: **0**  
 Analysis #: **213062**  
 Storage Temperature: Room temperature

| Parameter                    | Limit Values                                                                                                 | Result                                                                                                       |
|------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Carbon by Elemental Analysis | 75.7-79.6 (%)                                                                                                | 77.95000 %                                                                                                   |
| Purity(HPLC)                 | 98-100 (%)                                                                                                   | 99.19200 %                                                                                                   |
| Melting point                | 150-159 (°C)                                                                                                 | 155.51000 °C                                                                                                 |
| Appearance (T106098)         | White to Almost white to Yellow to Tan to Orange to Green to Beige to Light Brown Powder, Crystals or Flakes | White to Almost white to Yellow to Tan to Orange to Green to Beige to Light Brown Powder, Crystals or Flakes |
| Infrared spectrum            | Conforms to Structure                                                                                        | Conforms to Structure                                                                                        |



John Su  
QA & QC Manager