

## Certificate of Analysis

Date of Testing: 2021-03-17 09:43:29  
 Date of Next Testing: 2023-03-07 09:43:29  
 Product Name: **Triphenylphosphine**  
 CAS Number: 603-35-0  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: C2112143  
 SKU #: **T104478**  
**Analysis:** **011183**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	99.64 %
Triphenylphosphine oxide	0-3 (%)	0.59 %
Melting point	80-84 (°C)	81.92000 °C
Appearance (T104478)	Colorless or White Crystals ,Powder and/or Chunks	Colorless or White Crystals ,Powder and/or Chunks
31P NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , colorless clear(1g/10ml)(<3.5 ntu)	pass	Pass



John Su  
QA & QC Manager