

Certificate of Analysis

Date of Testing: 2023-05-12 13:30:21

Date of Next Testing: 2025-05-01 13:30:21

Product Name: **Tris(4-chlorophenyl)phosphine**

CAS Number: 1159-54-2

Specifications & Purity: $\geq 98\%$

Lot #: H2119341

SKU #: **T115602**

Version: **0**

Analysis #: **222606**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	102-103 (°C)	102.00000 °C
Purity(HPLC)	98-100 (%)	98.30410 %
Appearance (T115602)	White to Light Yellow Flakes, Crystals or Powder	White to Light Yellow Flakes, Crystals or Powder
³¹ P NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies



John Su
QA & QC Manager