

Certificate of Analysis

Date of Testing: 2023-06-15 14:50:58
Date of Next Testing: 2025-06-04 14:50:58
Product Name: **p-Toluenesulfonyl chloride(PTSC)**
CAS Number: 98-59-9
Specifications & Purity: Analytical Reagent,99%
Lot #: F2306901
SKU #: **T104623**
Analysis: **222776**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	99-101 (%)	99.90%
Melting point	67-71 (°C)	70.60000 °C
Purity(GC)	99-100 (%)	99.49%
Appearance (T104623)	White to Off-White Crystals, Powder or Granular	White to Off-White Crystals, Powder or Granular
Solubility in EtOH , Clear Colorless to Very Faint Yellow,10%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager