

Certificate of Analysis

Date of Testing: 2022-01-22 13:26:19
Date of Next Testing: 2024-01-12 13:26:19
Product Name: **p-Toluenesulfonyl chloride(PTSC)**
CAS Number: 98-59-9
Specifications & Purity: Analytical Reagent,99%
Lot #: A2220141
SKU #: **T104623**
Analysis: 064549
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99-101 (%)	100.50 %
Melting point	67-71 (°C)	70.51000 °C
Purity(GC)	99-100 (%)	99.30 %
Appearance (T104623)	White to Off-White Crystals, Powder or Granular	White to Off-White Crystals, Powder or Granular
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear Colorless to Very Faint Yellow,10%	pass	Pass



John Su
QA & QC Manager