

Certificate of Analysis

Date of Testing: 2025-09-02 16:09:35

Date of Next Testing: 2027-08-23 16:09:35

Product Name: **p-Toluenesulfonyl chloride(PTSC)**

CAS Number: 98-59-9

Specifications & Purity: AR, ≥99%

Lot #: H2525553

SKU #: **T104623**

Version: **0**

Analysis #: **536968**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99-101 (%)	99.30 %
Melting point	67-71 (°C)	69.82000 °C
Purity(GC)	99-100 (%)	99.11 %
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