

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-03 16:43:29
Date of Next Testing: 2024-11-22 16:43:29
Product Name: **p-Toluenesulfonyl chloride(PTSC)**
CAS Number: 98-59-9
Specifications & Purity: Analytical Reagent,99%
Lot #: L2202296
SKU #: **T104623**
Analysis: 142010
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99-101 (%)	99.96 %
Melting point	67-71 (°C)	70.45000 °C
Purity(GC)	99-100 (%)	99.01 %
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