

Certificate of Analysis

Date of Testing: 2022-01-19 14:22:11
Date of Next Testing: 2026-01-18 14:22:11
Product Name: **p-Toluenesulfonic acid monohydrate**
CAS Number: 6192-52-5
Specifications & Purity: Analytical Reagent, ≥98.5%
Lot #: A2214107
SKU #: **T104290**
Analysis: **060406**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	98-102 (%)	99.87 %
Purity(HPLC)	98.5-100 (%)	99.44100 %
Water by Karl Fischer	9.5-11.5 (%)	11.35 %
Melting point	104-107 (°C)	104.56000 °C
Appearance (T104290)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager