

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 14:30:31
Date of Next Testing: 2028-12-29 14:30:31
Product Name: **p-Toluenesulfonic acid monohydrate**
CAS Number: 6192-52-5
Specifications & Purity: AR, ≥98.5%
Lot #: L2424678
SKU #: **T104290**
Version: **2**
Analysis #: **449129**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	9.5-11.5 (%)	10.84%
Purity(HPLC)	98.5-100 (%)	99.37600%
Melting point	103-107 (°C)	103.10000 °C
Appearance (T104290)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
Solubility in H2O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager