

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-29 13:58:34

Date of Next Testing: 2029-03-28 13:58:34

Product Name: **p-Toluenesulfonic acid monohydrate**

CAS Number: 6192-52-5

Specifications & Purity: AR, ≥98.5%

Lot #: C2525804

SKU #: **T104290**

Version: **2**

Analysis #: **485582**

Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	9.5-11.5 (%)	10.69420 %
Melting point	103-107 (°C)	103.57000 °C
Purity(HPLC)	98.5-100 (%)	99.37700 %
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