

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-05 16:40:28  
Date of Next Testing: 2030-05-04 16:40:28  
Product Name: **p-Toluenesulfonic acid monohydrate**  
CAS Number: 6192-52-5  
Specifications & Purity: AR, ≥98.5%  
Lot #: D2620153  
SKU #: **T104290**  
Version: **2**  
Analysis #: **692259**  
Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	9.5-11.5 (%)	11.24210 %
Melting point	103-107 (°C)	103.22000 °C
Purity(HPLC)	98.5-100 (%)	99.67400 %
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Appearance (T104290)	white to off-white powder, crystals, flakes or chunk	white to off-white powder, crystals, flakes or chunk
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager