

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **p-Toluenesulfonic acid monohydrate**
Specifications & Purity: ACS, $\geq 98.5\%$
SKU # **T118454**

Parameter	Limit Values
Heavy metal (as Pb)	0-0.001 (%)
Purity(HPLC)	98.5-100 (%)
Water by Karl Fischer	9.5-11.5 (%)
Ignition Residue	0-0.1 (%)
Sodium(Na)	0-0.002 (%)
Sulfate(SO ₄ ²⁻)	0-0.3 (%)
Melting point	103-106 (°C)
Iron(Fe)	0-0.01 (%)
Appearance (T118454)	White Powder or Crystals
Clarity of solution, 10g/50ml, Water	Clear
Proton NMR spectrum	Conforms to Structure