

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 19:09:21

Date of Next Testing: 2027-12-05 19:09:21

Product Name: **4-Toluenesulfonic acid**

CAS Number: 104-15-4

Specifications & Purity: $\geq 98\%$

Lot #: L2405623

SKU #: **T684184**

Version: **2**

Analysis #: **444089**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.30600 %
Water by Karl Fischer	0-2 (%)	0.05610 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager