

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-08 14:20:54

Date of Next Testing: 2028-01-08 14:20:54

Product Name: **4-Toluenesulfonic acid**

CAS Number: 104-15-4

Specifications & Purity: $\geq 98\%$

Lot #: A2503434

SKU #: **T684184**

Version: **2**

Analysis #: **459392**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.23300 %
Water by Karl Fischer	0-2 (%)	0.25850 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager