

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 13:42:53

Date of Next Testing: 2029-01-08 13:42:53

Product Name: **Butyl p-Toluenesulfonate**

CAS Number: 778-28-9

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: C2119079

SKU #: **B152404**

Version: **0**

Analysis #: **460019**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.502-1.505	1.50
Purity(GC)	97-100 (%)	97.93 %
Appearance (B152404)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager