

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-05 09:23:11

Date of Next Testing: 2029-09-04 09:23:11

Product Name: **1-Butyn-3-yl p-Toluenesulfonate**

CAS Number: 53487-52-8

Specifications & Purity: $\geq 98\%$

Lot #: K21251155

SKU #: **B152393**

Version: **0**

Analysis #: **567231**

Parameter	Limit Values	Result
Melting point	51-54 (°C)	53.02400 °C
Purity(HPLC)	98-100 (%)	99.80000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager