

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-10 13:56:34
Date of Next Testing:	2028-09-09 13:56:34
Product Name:	1-Butyn-3-yl p-Toluenesulfonate
CAS Number:	53487-52-8
Specifications & Purity:	>98.0%
Lot #:	I2402062
SKU #	B152393
Version	0
Analysis #:	409620

Parameter	Limit Values	Result
Melting point	51-54 (°C)	51.11000 °C
Purity(HPLC)	98-100 (%)	99.73000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager