

Certificate of Analysis

Date of Testing: 2024-09-10 13:57:09

Date of Next Testing: 2028-09-09 13:57:09

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

CAS Number: 53487-52-8

Specifications & Purity: >98.0%

Lot #: I2402063

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



John Su
QA & QC Manager