

## Certificate of Analysis

Date of Testing: 2022-09-07 18:21:08  
Date of Next Testing: 2026-09-06 18:21:08  
Product Name: **p-Tolyl Trifluoromethanesulfonate**  
CAS Number: 29540-83-8  
Specifications & Purity: >95.0%(GC)  
Lot #: I2205497  
SKU #: **P160507**  
Analysis: **132162**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.44-1.444	1.44
Density (20°C)	1.353-1.359	1.36
Purity(GC)	95-100 (%)	95.44 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager