

## Certificate of Analysis

Date of Testing: 2022-01-18 14:18:36  
Date of Next Testing: 2026-01-17 14:18:36  
Product Name: **p-Toluenesulfonamide**  
CAS Number: 68-34-8  
Specifications & Purity: >97.0%(HPLC)  
Lot #: A2215187  
SKU #: **P160090**  
Analysis: **057724**

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.95200 %
Melting point	100-103 (°C)	100.25000 °C
Appearance(P160090)	White to Almost white to pink powder to crystal	White to Almost white to pink powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager