

## Certificate of Analysis

Date of Testing: 2024-01-18 10:55:47  
Date of Next Testing: 2028-01-17 10:55:47  
Product Name: **p-Toluenesulfonyl isocyanate**  
CAS Number: 4083-64-1  
Specifications & Purity: 96%  
Lot #: A2402366  
SKU #: **T106377**  
**Analysis:** **308088**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.534-1.536	1.53
Density (20°C)	1.297-1.299	1.30
Purity(GC)	96-100 (%)	98.90%
Appearance (T106377)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager