

## Certificate of Analysis

Date of Testing: 2024-01-18 10:36:55  
Date of Next Testing: 2028-01-17 10:36:55  
Product Name: **p-Toluenesulfonyl isocyanate**  
CAS Number: 4083-64-1  
Specifications & Purity: 96%  
Lot #: A2402367  
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 |



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