

## Certificate of Analysis

Date of Testing: 2023-09-21 15:27:07

Date of Next Testing: 2025-09-10 15:27:07

Product Name: **2,4,6-Trimethylbenzoyl chloride**

CAS Number: 938-18-1

Specifications & Purity: 98%

Lot #: L2122149

SKU #: **T109955**

**Analysis:** **279637**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.527-1.531                | 1.53                       |
| Purity(GC)                          | 98-100 (%)                 | 99.52 %                    |
| Purity (Argentmetric Titration)     | 97.5-102.5 (%)             | 99.50 %                    |
| Density (20°C)                      | 1.095-1.104                | 1.10                       |
| Appearance (T109955)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



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