

Certificate of Analysis

Date of Testing: 2025-03-18 15:30:44

Date of Next Testing: 2027-03-08 15:30:44

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

CAS Number: 938-18-1

Specifications & Purity: $\geq 98\%$

Lot #: C2511174

SKU #: **T109955**

Version: **1**

Analysis #: **299270**

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

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.527-1.531	1.53
Purity(GC)	98-100 (%)	99.65 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.91 %
Density (20°C)	1.095-1.104	1.10
Appearance (T109955)	Colorless to Light yellow to Yellow to Light orange Liquid	colorless to Light Yellow to Yellow to Light orange liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager