

Certificate of Analysis

Date of Testing: 2022-12-15 11:28:12

Date of Next Testing: 2024-12-04 11:28:12

Product Name: 4-(Trifluoromethyl)benzoyl chloride

CAS Number: 329-15-7

Specifications & Purity: 98%

Lot #: C2123184

SKU #: T109779

Analysis: 168649

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.13 %
Refractive index n ₂₀ /D	1.474-1.479	1.48
Density (20°C)	1.403-1.409	1.41
Appearance (T109779)	Colorless to Pale Yellow to Pale Orange or Pink liquid	Colorless to Pale Yellow to Pale Orange or Pink liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager