

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-18 16:36:13
 Date of Next Testing: 2026-07-08 16:36:13
 Product Name: 4-(Trifluoromethyl)benzoyl chloride
 CAS Number: 329-15-7
 Specifications & Purity: ≥98%
 Lot #: G2405275
 SKU #: T109779
 Version: 0
 Analysis #: 336776
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.78200 %
Refractive index n ₂₀ /D	1.474-1.479	1.47620
Density (20°C)	1.403-1.409	1.40500
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T109779)	Colorless to Pale Yellow to Pale Orange or Pink liquid	Colorless to Pale Yellow to Pale Orange or Pink liquid



John Su
QA & QC Manager