

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-12 11:45:54
Date of Next Testing: 2025-01-11 11:45:54
Product Name: **4-Bromo-3-fluorobenzenesulfonyl Chloride**
CAS Number: 351003-51-5
Specifications & Purity: $\geq 96\%$
Lot #: D1904002
SKU #: **B299062**
Analysis: **166546**

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	95.5-104.5 (%)	101.04 %
Refractive index n ₂₀ /D	1.578-1.582	1.58
Density (20°C)	1.846-1.85	1.85
Purity(GC)	96-100 (%)	98.88 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager