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-CERTIFICATE OF ANALYSIS-

Product: 4-Bromo-2-fluorobenzenesulphonyl chloride 98%

Code Number: PC3459

CAS Number: 216159-03-4

Formula: $C_6H_3BrClFO_2S$

Batch Number: AS478490

Appearance: Pale yellow crystalline solid

Melting Point: 65.3-68.2 degrees C

Water content: No water detected by KF

Purity by GC: 99.9% by area

Identity: 1H -NMR conforms to structure

Verified by: David Parton

Signed: --Digital document, no signature required--