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## **-CERTIFICATE OF ANALYSIS-**

Product: 5-Bromo-4-fluoro-3-(trifluoromethyl)benzene-1,2-diamine

Code Number: PC50108

CAS Number: 1820706-93-1

Formula: C<sub>7</sub>H<sub>5</sub>BrF<sub>4</sub>N<sub>2</sub>

Batch Number: AS457527

Appearance: Brown to very dark brown crystalline solid

Melting Point: ~134-135 degrees C

Purity by GC: 98.8% by area

Purity by HPLC: 98.7% by area

Titration: 98.3%(amine) as product  
(HClO<sub>4</sub>)

Verified by: David Parton

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