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## **-CERTIFICATE OF ANALYSIS-**

Product: 5-Bromo-3-fluorobenzene-1,2-diamine

Code Number: PC5177

CAS Number: 517920-69-3

Formula: C<sub>6</sub>H<sub>6</sub>BrFN<sub>2</sub>

Batch Number: AS449278

Appearance: Faint red to faint purple to light brown crystalline solid

Melting Point: 79.0 - 79.4 degrees C

Water content: 0.06%w/w by KF

Purity by GC: 99.6% by area

Purity by HPLC: 99.2% by area

Titration: 99.5%(amine) as product  
(HClO<sub>4</sub>)

Verified by: David Parton

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