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## **-CERTIFICATE OF ANALYSIS-**

Product: (1R,4R)-4-(Trifluoromethyl)cyclohexanecarboxylic acid

Code Number: PC201120

CAS Number: 133261-33-3

Formula: C<sub>8</sub>H<sub>11</sub>F<sub>3</sub>O<sub>2</sub>

Batch Number: AS476598

Appearance: White powder

Melting Point: 156-159 degrees C

Water content: 0% by KF

Purity by GC: 98.7%

Purity >98% by <sup>1</sup>H-NMR

Titration: 100.3% (ex acid)

Identity: <sup>19</sup>F-NMR conforms to structure

Verified by: David Parton

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