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## **-CERTIFICATE OF ANALYSIS-**

Product: 2-Chloro-3-fluoroisonicotinaldehyde hydrate  
Code Number: PC7014  
CAS Number: 1196156-07-6  
Formula: C<sub>6</sub>H<sub>3</sub>ClFNO.H<sub>2</sub>O  
Batch Number: AS477157  
Appearance: White solid  
Melting Point: 76-80 degrees C  
Purity by HPLC: 99%  
Purity: 98% by NMR  
Identity: NMR Conforms to structure

Verified by: David Parton

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