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## **-CERTIFICATE OF ANALYSIS-**

Product: 4-Chloro-3-fluorocinnamic acid  
Code Number: PC8154  
CAS Number: 202982-66-9  
Formula:  $C_9H_6ClFO_2$   
Batch Number: AS421383  
Appearance: Almost white crystalline powder  
Melting Point: 242.1-243.4 degrees C  
Water content: 0.05% (KF)  
Titration: 97.4% (acid/base titration)  
Identity: FTIR Concordant

Verified by: David Parton

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