

Certificate of Analysis

Date of Testing: 2023-03-18 15:48:14

Date of Next Testing: 2027-03-17 15:48:14

Product Name: **3-Bromo-4-fluorocinnamic acid**

CAS Number: 160434-49-1

Specifications & Purity: 98%

Lot #: C2314122

SKU #: **B122839**

Analysis: **204473**

Parameter	Limit Values	Result
Melting point	189-192 (°C)	189.10000 °C
Purity(HPLC)	98-100 (%)	98.32600 %
Appearance (B122839)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager