

Certificate of Analysis

Date of Testing: 2023-02-17 11:03:17

Date of Next Testing: 2027-02-16 11:03:17

Product Name: **4-Fluoro benzoic acid**

CAS Number: 456-22-4

Specifications & Purity: sublimed grade, $\geq 99\%$

Lot #: B2309192

SKU #: **F105089**

Version: **1**

Analysis #: **038219**

Parameter	Limit Values	Result
Melting point	183-187 (°C)	186.99000 °C
Purity(GC)	99-100 (%)	99.01 %
Appearance (F105089)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager