

Certificate of Analysis

Date of Testing: 2023-04-27 15:14:17

Date of Next Testing: 2027-04-26 15:14:17

Product Name: **Isoquinoline-1-carboxylic acid**

CAS Number: 486-73-7

Specifications & Purity: 98%

Lot #: D23142309

SKU #: **I111156**

Analysis: **216925**

Parameter	Limit Values	Result
Melting point	160-165 (°C)	164.99000 °C
Assay	98-100 (%)	98.03 %
Appearance (I111156)	Milk White to Yellow-Brown to Green to Tan Powder to Crystal	Milk White to Yellow-Brown to Green to Tan Powder to Crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager