

Certificate of Analysis

Date of Testing: 2022-12-20 17:02:56

Date of Next Testing: 2026-12-19 17:02:56

Product Name: **5-Norbornene-2,3-dicarboxylic Acid**

CAS Number: 3813-52-3

Specifications & Purity: >98.0%

Lot #: L2209968

SKU #: **N159847**

Analysis: **149398**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.47 %
Appearance (N159847)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, 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