

Certificate of Analysis

Date of Testing: 2025-01-07 14:53:16

Date of Next Testing: 2026-12-28 14:53:16

Product Name: **cis-5-Norbornene-endo-2,3-dicarboxylic acid**

CAS Number: 3853-88-1

Specifications & Purity: $\geq 98\%$

Lot #: E1330071

SKU #: **N111446**

Version: **1**

Analysis #: **458392**

Parameter	Limit Values	Result
Melting point	175-179 (°C)	178.97500 °C
Purity(HPLC)	98-100 (%)	99.88600 %
Appearance (N111446)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager