

Certificate of Analysis

Date of Testing: 2025-04-14 14:08:36

Date of Next Testing: 2026-04-14 14:08:36

Product Name: **Ectoine**

CAS Number: 96702-03-3

Specifications & Purity: $\geq 99\%$

Lot #: G2403175

SKU #: **E292674**

Version: **2**

Analysis #: **493731**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.80000 %
Specific rotation $[\alpha]_{20/D}(C=1g/100ml$ H ₂ O)	139-145 (°)	139.50000 °
Appearance(E292674)	White to Off White Powder or Crystals	White to Off White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager