

Certificate of Analysis

Date of Testing: 2025-03-14 11:27:03
Date of Next Testing: 2026-03-14 11:27:03
Product Name: **Ectoine**
CAS Number: 96702-03-3
Specifications & Purity: $\geq 99\%$
Lot #: E2424082
SKU #: **E292674**
Version: **2**
Analysis #: **480918**
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.03000 %
Specific rotation $[\alpha]_{20/D}(C=1g/100ml$ H2O)	139-145 (°)	139.30000 °
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



John Su
QA & QC Manager