

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-22 14:04:15  
Date of Next Testing: 2026-12-22 14:04:15  
Product Name: **Ectoine**  
CAS Number: 96702-03-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: C2511222  
SKU #: **E292674**  
Version: **2**  
Analysis #: **623023**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.51100 %
Specific rotation $[\alpha]_{20/D}(C=1g/100ml$ H2O)	139-145 (°)	143.87200 °
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