

Certificate of Analysis

Date of Testing: 2024-11-18 13:46:40

Date of Next Testing: 2027-11-18 13:46:40

Product Name: **Ectoine**

CAS Number: 96702-03-3

Specifications & Purity: $\geq 97\%$

Lot #: K2412274

SKU #: **E305040**

Version: **1**

Analysis #: **383401**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.00000 %
specific rotation $[\alpha]_{20/D(C=1, MeOH)}$	165-175 (°)	170.28000 °
Appearance (E305040)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager