

Product: Ectoin

Items	Specification
Appearance	White powder
Identity (IR-spectrum)	The infrared absorption pattern should be consistent with the control pattern.
Odor	Characteristic odor
Assay Ectoin (HPLC)	≥98.0%
Purity (HPLC)	≥98.0%
Transmittance	≥98.0%
PH	5.5~7.5
Optical Rotation	+139°-+145°
Chloride(Cl-)	≤0.05%
Sulfated ash(600°C)	≤0.10%
Water	≤0.5%
Heavy metals	≤20ppm
Total Plate Count	≤100cfu/g
Yeast and Mold	≤50cfu/g
Staphylococcus Aureus	Negative
Pseudomonas aeruginosa	Negative
Storage	Stored humidity protected (RH less than 60) at temperature below 25°C
Shelf Life	3 years when properly stored