



渭南东江天成实业有限公司
Summit Ingredients Co., Ltd
陕西省渭南市经开区中国酵素城
China Enzyme City,Weinan City,Shaanxi,China
T:+8602984493891 E:sales@summitingredients.com
F:+8602984493891 W:www.summitingredients.com

SPECIFICATION

Product Name	ECTOIN Powder
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Item	Specification
Physical&Chemical Control	
Appearance	White or almost white crystals or crystalline powder
Assay(HPLC)	≥99%
Specific rotation	+139.0°~+145.0°
pH	6.0-8.0
Loss on drying	≤0.5%
Residue on ignition	≤0.1%
Heavy Metals	
Heavy Metals	≤10ppm
Lead(Pb)	≤0.5ppm
Arsenic (As)	≤0.5ppm
Mercury(Hg)	≤0.1ppm
Cadmium(Cd)	≤0.1ppm
Microbiology Control	
Total Plate Count	≤1000cfu/g
Total Yeast & Mold	≤50cfu/g
Coliforms	≤10cfu/g
E.coli	Negative in 10g
Salmonella	Negative in 10g
Staphylococcus	Negative in 10g
Packaging&Storage	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.
Shelf Life	Two years if sealed and stored away from strong sun light and heat.