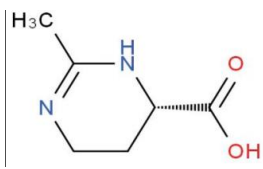


ECTOIN (4-PYRIMIDINECARBOXYLIC ACID)

Chemical Name	Ectoin(4-Pyrimidinecarboxylic acid)
CAS Number	96702-03-3
Molecular Formula	C ₆ H ₁₀ N ₂ O ₂
Molecular Weight	142.16
Einecs	431-910-1
Molecular Structure	
Packing	1kg/bag
Capacity	Production upon order
Storage	Sealed, lightless, cool and ventilated place for preservation
Application	Water-locking and moisturizing; Depth protection; Repair anti-aging.

SPECIFICATION

Items	Specification
Appearance	White powder or crystalline powder
Identity(IR-spectrum)	Corresponds to the reference
Odor	Odorless
Assay(HPLC)	≥98%
Purity(by HPLC,% area)	≥99%
Transmittance	≥98%
pH Value	5.5 ~ 7.0
Optical Rotation	+139.0。 ~+145.0。
Residue on Ignition	≤0.20%
Loss on Drying	≤1.00%
As	≤2ppm
Pb	≤10ppm
Cd	≤5ppm
Hg	≤1ppm
Total Microbial Count	≤100cfu/g
Molds & Yeasts	≤50cfu/g
Escherichia Coli&Salmonella	Negative
Staphylococcus Aureus	Negative
Pseudomonas Aeruginosa	Negative