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Product Specifications

Catalogue Number	50787
Product	Ectoine (S)-2-Methyl-1,4,5,6-tetrahydropyrimidine-4-carboxylic acid
CAS Number	96702-03-3
Molecular Formula	C ₆ H ₁₀ N ₂ O ₂
Molecular Weight	142.16

Appearance	White or almost white crystalline powder
Heavy Metals	≤ 10 ppm
pH	6.0 - 8.0
Yeast and Mold	< 50 CFU/g
Optical Rotation	+139 to +145°
Loss on Drying	≤ 0.50%
Arsenic	≤ 2 ppm
Aerobic plate count	≤ 100 CFU/g
Bacterial Endotoxins	< 10EU/g
Residue On Ignition	≤ 0.10%
Purity by HPLC	≥ 98.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only