

Certificate of Analysis

Product Name		Ectoine	Batch No.	C200323
Quantity		250kg	Packaging	25kg/drum
Date of Manufacture		20200323	Expiry Date	20220322
Test Items		Specifications	Results	
Appearance		White to off-white Powder	White to off-white Powder	
Identification		Conforms to the Reference Spectrum	Complied	
Assay (HPLC)		98%MIN	99.3%	
Transmittance		98%MIN	99.5%	
Water		0.50% MAX	0.1%	
PH		5.5-5.7	6.3	
Specific rotation		+139° ~ +145°	140.2°	
Heavy Metals		Not more than 10 ppm	Complied	
Burning residue (600°)		0.10%MIN	Complies	
Microbiology	Total Aerobic Count	≤1000cfu/g	Complies	
	Yeast and mold count	≤100cfu/g	Complies	
	E. coli	Absent/10g	Complies	
	S. aureus	Absent/10g	Complies	
	Salmonella	Absent/10g	Complies	
Conclusion		Complies with		



Corrector:

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Analyst:

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