

Certificate of Analysis

ActiBiso™ ECT

Trade Name: ActiBiso™ ECT	INCI Name: Ectoin	
Batch No.: BECT230109	Quantity: 100kg	
Manufacturing Date: 09.01.2023	Best Use Before Date: 08.01.2025	
Items	Specification	Results
1. Appearance:	White or almost white crystals	Pass
2. Assay (HPLC) %:	98.0 min	100.7
3. Identification:	The infrared absorption spectrum should be consistent with the standard spectrum	Pass
4. Specific Rotation:	+139.0°~ +145.0°	+141.2°
5. Transmittance %:	The transmittance at 430nm shall not be less than 98.0%	99.8%
6. pH:	6.0 - 8.0	6.32
7. Loss on drying %:	0.2 max	0.1
8. Residue on ignition %	0.1 max	0.08
9. Chloride %	0.03 max	Pass
10. Sulfate %:	0.02 max	Pass
11. Ammonium salt %:	0.02 max	Pass
12. Fe (ppm):	10.0 max	Pass
13. Heavy metals (ppm) :	10.0 max	Pass
14. Arsenic (ppm):	1.0 max	Pass
15. Total bacteria (cfu/g):	500 max	Pass
16. Total yeast and mold count (cfu/g):	100 max	Pass
Conclusion:	Pass	



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This lot was analysed and released by our authorized Quality Control Department and was found to meet the specification as given above.

Bisor Corporation
The Quality Assurance Manager

Yang Jian Ming

