



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name	Hops flower extract	Manufacture Date	2024.11.15
Botanical Source	Beer Hops	Part Used	Flower
Quantity	200KG	Analysis Date	2024.11.27
Batch No.	BF-241120	Expiry Date	2026.11.19
Items	Specifications		Results
Xanthohumol	≥5.0%		5.30%
Physical & Chemical			
Appearance	Brown yellow fine powder		Complies
Odor & Tasted	Characteristic		Complies
Particle Size	98% pass 80 mesh		Complies
Loss on Drying	≤ 5.0%		3.50%
Ash	≤ 5.0%		3.65%
Solvent residual	<3000ppm		1.4852
Heavy Metal			
Total Heavy Metal	≤ 10 ppm		Complies
Lead (Pb)	≤ 1.5ppm		Complies
Arsenic (As)	≤ 1.0 ppm		Complies
Cadmium (Cd)	≤ 1.0 ppm		Complies
Mercury (Hg)	≤ 0.2 ppm		Complies
Microbiological Test			
Total Plate Count	≤1000 CFU/g		300 CFU/g
Yeast & Mold	≤100 CFU/g		40 CFU/g
E.Coli	Negative		Complies
Salmonella	Negative		Complies
Package	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf Life	Two years when properly stored.		
Conclusion	Sample Qualified.		

Analyst: Jiayan Yang

Checked By: Fei Shen

Manager: Xiaoyu Wang

