

Bio F XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name	Bergamot Essential Oil	Specification	Company Standard
Part Used	Fruit	Manufacture Date	2024.4.22
Quantity	100KG	Analysis Date	2024.4.28
Batch No.	ES-240422	Expiry Date	2026.4.21
Items	Specifications	Results	
Appearance	Yellow clear liquid	Conforms	
Essential Oil Content	≥99%	99.5%	
Odor & Taste	Characteristic	Conforms	
Density(20/20℃)	0.850-0.876	0.861	
Refractive Index(20℃)	1.4800-1.5000	1.4879	
Optical Rotation	+75°--- +95°	+82.6°	
Solubility	Soluble in ethanol,grease organic solvent ect.	Conforms	
Total Heavy Metals	≤10.0ppm	Conforms	
As	≤1.0ppm	Conforms	
Cd	≤1.0ppm	Conforms	
Pb	≤1.0ppm	Conforms	
Hg	≤0.1ppm	Conforms	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
E.coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	
Conclusion	This sample meets the specifications.		

Conclusion: Approved

