

CERTIFICATE OF ANALYSIS

Product Name	Tea Tree Essential oil	Specification	Company Standard
Cas No.	68647-73-4	Manufacture Date	2024.4.26
Quantity	100KG	Analysis Date	2024.5.3
Batch No.	BF20191013	Expiry Date	2026.4.25
Items	Specifications	Results	
Appearance	Colorless to pale yellow liquid	Conforms	
Odor & Taste	Characteristic	Conforms	
Density(20/20°C)	0.885~ 0.906	0.893	
Refractive Index(20°C)	1.471-1.474	1.4712	
Optical Rotation(20°C)	+5°--- +15.0°	+9.85°	
Solubility(20°C)	Add 1 volume sample to 2 volume of ethanol 85%(v/v), obtaining a settled solution	Complies	
Terpinen-4-ol	≥30	35.3	
1,8-Eucalyptus	≤5.0	1.9	
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

Tested by: Zhang Xiaoxuan

