

CERTIFICATE OF ANALYSIS

Product Name	Peppermint oil	Cas No	68917- 18-0
Production batch	JL20231115	Production Date	20231115
Production quantity	3 tons	Report date	20231116
Test items	Detection Indicator	Test data	
Character	Colorless or slightly yellowish clear liquid, special cool and refreshing aroma	Qualified	
Density (20°C)	0.758-1.038	0.872	
Optical Rotation (20°C)	-30 °-- -11 °	-18.45 °	
Refractive Index (20°C)	1.346— 1.576	1.4581	
Acid value	≤1.5	0.8	
L-piperitol Content	28.0%--40%	30.7%	
Solubility (20°C)	Add 1 volume sample to 4 volume of ethanol70%(v/v), obtaining a settled solution.	Qualified	
Total Alcohol Content (Ester Content of Acetylation)	≥50%	51.3%	
Conclusion	Qualified		

Analyst: Wen Qian**Quality Assurance Officer: Zhan Peng**