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CERTIFICATE OF ANALYSIS

Product Name	Lemon Essential oil	Part Used	Fruit
CAS No.	84929-31-7	Manufacture Date	2024.3.25
Quantity	300KG	Analysis Date	2024.3.30
Batch No.	ES-240325	Expiry Date	2026.3.24
Items	Specifications	Results	
Appearance	Yellow Liquid	Complies	
Odor	Characteristic aroma of fresh lemon rind	Complies	
Density(20/20°C)	0.849~ 0.0.858	0.852	
Optical rotation(20°C)	+60° -- +68.0°	+65.05°	
Refractive Index(20°C)	1.4740-1.4770	1.4760	
Arsenic content,mg/kg	≤3	2.0	
Heavy Metal (amount of Pb)	Negative	Negative	
Acid Value	≤3	1.0	
Residue Content after Evaporation	≤4.0%	1.5%	
Main Ingredients Content	Limonene 80%--90%	Limonene 90%	
Microbiological Test			
Total Plate Count	<1000cfu/g	Complies	
Yeast & Mold	<100cfu/g	Complies	
E.Coli	Negative	Negative	
Salmonella	Negative	Negative	
Package	1kg/bottle; 25kg/drum.		
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.		

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