



JOHN KELLYS (LONDON) LTD

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- Essential Oils ● Aromatic Chemicals ● Oleoresins ● Fragrances ● Flavors ● Functional ingredients

CERTIFICATE OF ANALYSIS

PRODUCT: Citronella Oil Chinese

JK LOT NUMBER: P38141

DATE OF MANUFACTURE: August 7, 2025

DATE OF EXPIRY: August 6, 2027

Testing Items	Qty. Criterion	Testing Result
Color And Appearance	Pale yellow or brown-yellow liquid, characteristic aroma of lemongrass-like	<u>Conform</u>
Relative Density (20°C)	0.880~0.900	0.8809
Refractive Index (20°C)	1.4660~1.4730	1.4664
Optical Rotation (20°C)	-5°~0°	-0.36°
Evaporated residue %	:S8%	2.24
Solubility (20°C)	1 volume sample to 2 volumes of ethanol 80%(v/v), obtaining a settled solution.	<u>Conform</u>
Citronellal %	32.0 ~40.0%	36.72%
Isopulegol %	:S2%	1.28%
Citronellol %	9.0 ~18.0%	14.6%
Geraniol %	20.0 ~25.0%	23.19%
Elemol %	:S5%	2.07%
Geraniol+Citronellol %	☞31%	37.79%
Testing Result	The product passes the qualified standard of QB/T 1033-2011.	
Packaging and Storage	Store in sealed container, place in a cool dry and ventilated place.	

This certificate is generated using data provided by our suppliers.