



JOHN KELLYS (LONDON) LTD

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

TECHNICAL DATA SHEET

PRODUCT: Cardomom Oil
JK LOT NUMBER: 38164

MANUFACTURING PROCESS

The oil is obtained by steam distillation of the pods of Elettaria cardamomum L.

PRODUCT CHARACTERISTICS		
Composition	:	100% cardamom oil
Expected use	:	Industrial Use
KOSHER certification	:	Yes

SENSORY CHARACTERISTICS		
Aspect	:	Clear liquid
Color	:	colorless to pale yellow
Smell	:	characteristic aromatic

ANALYTICAL CHARACTERISTICS		
Physicochemical constants		
Refractive Index at 20°C	:	Min 1.4454 – Max 1.4837
Density at 20°C	:	Min 0.9088 – Max 0.9494
optical rotation	:	+22° to +44°

Chemical composition		
limonene	:	Data
1-8 Cineol	:	24.75 – 37.37%
linalool	:	0.99 – 5.05%
Terpineol-4	:	0.495 – 1.515%
Terpineol, Alpha	:	0.99 – 3.03%

This certificate is generated using data provided by our suppliers.

Linalyl Acetate	:	1.98 – 8.08%
Terpinyl Acetate, Alpha	:	34.65 – 45.45%

PESTICIDES

Complies with regulations

HEAVY METALS

Complies with regulations

RADIATION

Product not irradiated

CONTAINER

Primary packaging	:	The product is stored in food grade cans and/or barrels
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Secondary package	:	N/A
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PACKAGING

When stored in the plant, the barrels are placed on plastic pallets. When exporting, they are shipped on plastic pallets and secured with strapping and stretch film.

STORAGE CONDITIONS

Container closed and stored in a dry, cool and ventilated place

CONDITIONS OF TRANSPORT AND DELIVERY

Transport must be in good condition, closed, clean, with no pests, free of aromas. Floor protection must be placed before product is placed. Product duly labeled and with a security seal.

USEFULL LIFETIME

24 months
