



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Cardamom Essential Oil**  
*(Elettaria cardamomum)*

PRODUCT NAME: CARDAMOM, ESSENTIAL OIL ORGANIC
BATCH NUMBER: 031225-1
PRODUCT INCI: ELETTARIA CARDAMOMUM SEED
CAS NUMBER: 8000-66-6 / 85940-32-5
EINECS NUMBER: 288-922-1

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	COMPLIES
COLOUR	COLORLESS – PALE YELLOW	COMPLIES
ODOUR	CHARACTERISTIC, WARM & SPICY	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.910 – 0.950	0.9246
REFRACTIVE INDEX @ 20°C	1.455 – 1.470	1.4634
OPTICAL ROTATION (°C)	+20.0 TO +45.0	+20.33

*The attached information is considered to be correct at the time the client received this information.  
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.  
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*