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## *Certificate of Analysis Sheet* **Organic Grapefruit Essential Oil** *(Citrus paradisi)*

BATCH NUMBER: 161221-1
ORIGIN: USA
PRODUCT INCI: CITRUS PARADISI PEEL OIL
CAS NUMBER: 8016-20-4 / 90045-43-5
EINECS NUMBER: NOT LISTED.
MANUFACTURING METHOD: COLD PRESSING

<b>ANALYTICAL DETAILS</b>	<b>RANGE</b>	<b>RESULTS</b>
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS TO YELLOW	-
ODOUR	CHARACTERISTIC, FRESH CLEAN GRAPEFRUIT	-
SPECIFIC GRAVITY @ 20 C	0.833 – 0.860	0.843
REFRACTIVE INDEX @ 20 C	1.460 – 1.480	1.473
OPTICAL ROTATION (C)	+83.0 TO +105.0	+97.0

<b>Component</b>	<b>% Area.</b>
Myrcene	2.35
Limonene	95.1
Linalool	0.10
Citronellol	0.01
Citral	0.20
Geraniol	0.01
Furocoumarins	Absent

*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 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*