



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Sweet Orange Essential Oil**  
*(Citrus sinensis)*

PRODUCT NAME: ORANGE SWEET, ESSENTIAL OIL ORGANIC
BATCH NUMBER: 130723-2
PRODUCT INCI: CITRUS SINENSIS / CITRUS AURANTIUM DULCIS OIL
ORIGIN: BRAZIL
CAS NUMBER: 8028-48-6
EINECS NUMBER: 232-433-8

<b>ANALYTICAL DETAILS</b>	<b>RANGE</b>	<b>RESULTS</b>
APPEARANCE	LIQUID	-
COLOUR	ORANGE - RED	-
ODOUR	CHARACTERISTIC, ORANGE	-
SPECIFIC GRAVITY @ 20°C	0.830 – 0.850	0.847
REFRACTIVE INDEX @ 20°C	1.468 – 1.490	1.4722
OPTICAL ROTATION (°C)	+93.0 TO +100.0	+99.70
PEROXIDE VALUE (MMOL/L)	<20.0	2.4

*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.*



15	31,9	CITRONELLAL	0,03
16	32,8	alpha-COPAENE	0,02
17	33,2	DECANAL	0,18
18	35,7	beta1-CUBEBENE	0,02
19	36,1	LINALOL	0,35
20	36,7	1-OCTANOL	0,03
21	39,0	beta-CUBEBENE	0,02
22	39,3	beta-CARYOPHYLLENE	0,02
23	44,4	NERAL	0,03
24	45,2	alpha-TERPINEOL	0,05
25	46,1	GERMACRENE D	0,02
26	46,3	HEPTADECANE	0,04
27	46,7	SESQUITERPENE	0,05
28	47,1	SESQUITERPENE	0,01
29	47,4	GERANIAL	0,07
30	49,0	delta-CADINENE	0,03
31	49,3	CITRONELLOL	0,01
32	50,3	PERILLALDEHYDE	0,02
33	73,8	beta-SINENSAL	0,02
34	78,5	alpha-SINENSAL	0,02
35	102,5	ACIDE PALMITIQUE	0,02
36	118,3	ACIDE LINOLEIQUE	0,04
		<b>TOTAL</b>	<b>99,99</b>

<b>STORAGE CONDITIONS</b>
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STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT
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