



NHR ORGANIC OILS
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Product Specification

Organic Red Mandarin Essential Oil

(*Citrus reticulata*)

SUBSTANCE IDENTIFICATION

Common name of product RED MANDARIN OIL ORGANIC

TECHNICAL INFORMATION

Appearance Liquid

Color Orange to red

Odour Fresh orange mandarin

	Minimum	Maximum
Specific gravity 20/20 (ISO 279)	0,840	0,860
Refractive index 20°C (ISO 280)	1,470	1,480
Optical rotation 20°C (ISO 592)	60,0	85,0

Storage condition Full tight containers in a cool and dry place protected from heat and light.

ANALYSIS / RANGE

Chromatographic profile (area % by GC according to ISO 11024)

Chemical component	Minimum (%)	Maximum (%)
1 alpha pinene	1,0	4,0
2 limonene	60,0	80,0
3 gamma terpinene	12,0	28,0
4 dimethyl anthranilate methyl	0,20	0,80

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