



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Bergamot Essential Oil - Bergapten-free
(Citrus bergamia)

Batch number:	180526-4
Substance name	ORGANIC BERGAMOT BERGAPTEN-FREE COLORLESS OIL
ECNo.	289-612-9
CASNo.	8007-75-8
FEMA Number	2153
REACH Registration No	01-2120117613-65-XXXX
Country of Origin	Italy
Type of product	<i>Citrus bergamia</i> , Risso et Poiteau 100% PURE & NATURAL 100% ORGANIC
Storage conditions	Keep in the original container, away from any heat source and ignition source. Keep in a dry, cool, well ventilated place. Temperature less than 25°C

Relevant identified uses

Main use category	: Industrial use
Use of the substance/mixture	: Industrial
Use of the substance/mixture	: Perfumery, flavor and food grade application

Certificate of analysis

Physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	Characteristic smell of the fresh pericarpe of Bergamot fruit
Boiling point	180°C
Flash point	57°C
Flammability	Flammable liquid and vapour
Optical rotation at 20 °C	+27.76° +15° to +32°
Specific gravity at 20 °C	0.8656 0.8600- 0.8750
Refractive index at 20°C	1.4635 1.4600- 1.4680
GC% Primary Constituents:	alpha-pinene: 1.37
	b-pinene: 6.96
	g-terpinene: 7.52
	limonene: 38.54
	Linalool: 13.60
	Linalyl acetate: 27.04