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

Batch number:	111126-2
Substance name	ORGANIC BERGAMOT BERGAPTEN-FREE COLORLESS OIL
EC No.	289-612-9
CAS No.	8007-75-8
FEMA Number	2153
REACH Registration No	01-2120117613-65-XXXX
Country of Origin	Italy
Type of product	*Citrus bergamia*, 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

Certificate of analysis

Physical and chemical properties

Physical state	Liquid	
Colour	Colourless	
Odour	Characteristic smell of the fresh pericarpe of Bergamot fruit	
Boiling point Flash point Flammability	180°C 57°C 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	

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