



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

**Batch number:** 101125-5

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° -      +32°
Specif 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