



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

Batch number: 080224-2

Substance name	ORGANIC BERGAMOT ESSENTIAL OIL
EC-No.	289-612-9
CAS-No.	8007-75-8
FEMA Number	2153
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
Shelf Life	Approx 12 months, as per recommended storage conditions

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 state	Liquid
Colour	Light green-yellow to pale yellowish brown
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	+27.12° +15° - +32°

Specific gravity at 20 °C	0.8699	0.8650 - 0.8760
Refractive index at 20 °C	1.4647	1.4610 - 1.4680
GC% Primary Constituents	alpha-pinene: 0.95 b-pinene: 6.56 g-terpinene: 5.74 limonene: 38.23 Linalool: 14.83 Linalyl acetate: 28.35	

Quality Control Department