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

Botanical Name:	*Citrus x bergamia Risso &Poit.*
Commercial Name:	Organic Bergamot essential oil
Geographical Origin:	Italy
Batch Number:	091026-2

Physical and Chemical Data:

	Standards	Results of analysis
Appearance	Clear and fluid liquid	Conform
Colour	Greenish yellow to dark green	Conform
Odour	Characteristic, fresh, sweet	Conform
Relative Density at 20°C	0.860 to 0.885	0.8741
Refractive Index at 20°C	1.460 to 1.475	1.4680
Optical Rotation	+10° to +45°	+31.50°
Flash Point	+50°C to +59°C	

Table of Components:

Components	Contents
Alpha-pinene	0.90%
Beta-pinene	7.10%
Limonene	41.80%
Gamma-terpinene	7.40%
Linalool	7.60%
Linalyl Acetate	28.00%
Neral	0.18%
Geranial	0.30%
Beta-bisabolene	0.46%
TOTAL	93.74%