

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: BERGAMOT OIL (ITALY) - CERTIFIED ORGANIC ACO

BOTANICAL NAME: *Citrus aurantium*

COUNTRY OF ORIGIN: ITALY

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	OLIVE-GREEN TO BROWN	OLIVE
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	RICH, FRUITY TOPNOTE, OILY AND SWEET BALSAMIC HERBACEOUS BACKNOTE	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.870 to 0.885	0.870
OPTICAL ROTATION @ 20°C	+5° to +40°	+34°
REFRACTIVE INDEX @ 20°C	1.463 to 1.470	1.466
<b>CHROMATOGRAPHIC PROFILE</b>		
BETA-PINENE (%)	2.5 to 10	6.2
LIMONENE (%)	25.0 to 55.0	43.3
GAMMA-TERPINENE (%)	2.5 to 10.0	6.1
LINALOOL (%)	2.0 to 25.0	10.2
LINALYL ACETATE (%)	20.0 to 40.0	26.3