

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: BERGAMOT OIL CALABRIAN

BOTANICAL NAME: *Citrus aurantium*

COUNTRY OF ORIGIN: ITALY

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	OLIVE-GREEN TO BROWN	OLIVE-BROWN
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	RICH, SWEET, FRUITY TOPNOTE, OILY, HERBACEOUS, BALSAMIC DRYOUT	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.865 to 0.885	0.873
OPTICAL ROTATION @ 20°C	+5° to +35°	+29°
REFRACTIVE INDEX @ 20°C	1.463 to 1.468	1.467
<b>CHROMATOGRAPHIC PROFILE</b>		
BETA-PINENE (%)	4.5 to 10	7.3
LIMONENE (%)	30 to 55	39
GAMMA-TERPINENE (%)	5 to 10	8
LINALOOL (%)	2 to 16	13
LINALYL ACETATE (%)	20 to 40	25