

CERTIFICATE OF ANALYSIS

PRODUCT NAME: IMMORTELE OIL - CERTIFIED ORGANIC ACO

BOTANICAL NAME: *Helichrysum angustifolium*

COUNTRY OF ORIGIN: SPAIN

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO YELLOW	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, FRUITY, TEA-LIKE, DELICATE BUT TENACIOUS	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.875 to 0.925	0.900
OPTICAL ROTATION @ 20°C	-14° to +10°	+3°
REFRACTIVE INDEX @ 20°C	1.465 to 1.490	1.476
CHROMATOGRAPHIC PROFILE		
ALPHA-PINENE (%)	Min 12	13
D-LIMONENE (%)	Trace to 6	4
NERYL ACETATE (%)	Trace to 25	23
GAMMA-CURCUMENE (%)	5 to 30	7
AR-CURCUMENE (%)	Trace to 8	3
BETA-SELINENE (%)	Trace to 15	8
ALPHA-SELINENE (%)	Trace to 10	Trace
ITALIDONE III (%)	Trace to 5	1