

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MELISSA OIL ORGANIC

BOTANICAL NAME: *Melissa officinalis*

COUNTRY OF ORIGIN: BULGARIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO GOLDEN YELLOW	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, SOMEWHAT SHARP, HERBACEOUS, LEMON-LIKE	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.880 to 0.940	0.897
OPTICAL ROTATION @ 20°C	-50° to 0°	-22°
REFRACTIVE INDEX @ 20°C	1.450 to 1.510	1.491
CHROMATOGRAPHIC PROFILE		
CITRONELLAL (%)	Trace to 10	1
NERAL (%)	10 to 25	20
GERANIOL (%)	Trace to 10	1
GERANIAL (%)	10 to 35	27
BETA-CARYOPHYLLENE (%)	3 to 35	20