

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ROSEMARY CT CAMPHOR OIL

BOTANICAL NAME: *Rosmarinus officinalis*

COUNTRY OF ORIGIN: SPAIN

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW	VERY PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	FINE, DELICATE, FRESH- HERBACEOUS, BALSAMIC- WOODY DRYOUT	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.895 to 0.920	0.903
OPTICAL ROTATION @ 20°C	-5° to +8°	+2°
REFRACTIVE INDEX @ 20°C	1.464 to 1.473	1.469
CHROMATOGRAPHIC PROFILE		
A-PINENE (%)	15.0 to 35.0	23.7
CAMPHENE (%)	5.0 to 15.0	8.5
P-CYMENE (%)	Trace to 5.0	1.7
1,8-CINEOLE (%)	10.0 to 35.0	20.2
CAMPHOR (%)	10.0 to 35.0	19.7
B-CARYOPHYLLENE (%)	Trace to 5.0	1.9
SAFROLE (%)	Max 0.01	<0.01