

CERTIFICATE OF ANALYSIS

GC ANALYSIS

PRODUCT DETAILS

PRODUCT NAME: ROSEMARY (CINEOL), ESSENTIAL OIL ORGANIC

LOT NUMBER: 002996

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF OIL

CAS NUMBER: 84604-14-8 / 8000-25-7

EINECS NUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

MANUFACTURING DATE: 30/04/2019

BEST BEFORE DATE: 30/04/2021

SHELF LIFE / BEST BEFORE: 24 MONTHS

GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	PASS
COLOUR	COLOURLESS – PALE YELLOW	PASS
ODOUR	CHARACTERISTIC, ROSE	PASS
SPECIFIC GRAVITY @ 20°C	0.900 – 0.920	0.9131
REFRACTIVE INDEX @ 20°C	1.460 – 1.475	1.4668
OPTICAL ROTATION (°C)	+2.0 TO +6.0	+0.83

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COMPONENT	RESULT
A-PINENE	12.68
CAMPHENE	4.42
B-PINENE	7.59
LIMONENE	2.76
P-CYMENE	1.60
1,8-CINEOLE	43.77
B-MYRCENE	1.24
BORNEOL	3.34
CAMPHOR	10.92
BORNYLE ACETATE	0.47

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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