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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: PEPPERMINT (MENTHA ARVENSIS), ESSENTIAL OIL (AKA: CORNMINT OIL)**

**LOT NUMBER: LOT0005587**

**PRODUCT INCI: MENTHA ARVENSIS LEAF OIL**

**PRODUCT CODE: K0345**

**CAS NUMBER: 90063-97-1 / 68917-18-0**

**EINECS NUMBER: 290-058-5**

**MANUFACTURING METHOD: STEAM DISTILLED**

**MANUFACTURING DATE: 12/02/2020**

**BEST BEFORE DATE: 12/02/2023**

ANALYTICAL DETAILS		RANGE	RESULTS
APPEARANCE		LIQUID	-
COLOUR		COLOURLESS – PALE YELLOW	-
ODOUR		CHARACTERISTIC, MINTY & FRESH	-
SPECIFIC GRAVITY @ 20°C		0.865 – 0.910	0.895
REFRACTIVE INDEX @ 20°C		1.450 – 1.471	1.459
OPTICAL ROTATION (°C)		-35.0 TO -19.0	-20.2
L-MENTHOL CONTENT W/W/(%)		25.0 - 40.0	-
TOTAL MENTHOL CONTENT W/W (%)		42.0 - 55.0	-

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT