



CERTIFICATE OF ANALYSIS

PRODUCT NAME: BLACK PEPPER, ESSENTIAL OIL

LOT NUMBER: LOT0011703

PRODUCT INCI: PIPER NIGRUM FRUIT OIL

PRODUCT CODE: K0066

CAS NUMBER: 84929-41-9

EINECS NUMBER: 284-524-7

MANUFACTURING METHOD: STEAM DISTILLATION

MANUFACTURING DATE: 13/05/2021

BEST BEFORE DATE: 13/05/2024

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	CLEAR PALE GREEN - YELLOW - BLUE	-
ODOUR	CHARACTERISTIC, WARM & SPICY	-
SPECIFIC GRAVITY @ 20°C	0.860 – 0.907	0.875
REFRACTIVE INDEX @ 20°C	1.474 – 1.492	1.4809
OPTICAL ROTATION (°C)	-23.0 TO -4.0	-11.96
FLASH POINT (°C)	46.0 – 50.0	-

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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