

Amphora Aromatics Ltd.

ESSENTIAL OIL COMPOSITIONAL DATA

SAMPLE NAME: BLACK PEPPER OIL

ORIGIN: INDIA

YOUR REFERENCE NO.:

PHYSICAL APPEARANCE: A clear colourless to olive green liquid

SENSORY EVALUATION: Warming, spicy characteristic of pepper.

SOLUBILITY: Soluble in ethanol according to the relevant ISO standard.

TYPICAL GAS CHROMATOGRAPHY ANALYSIS

CONSTITUENT	PERCENTAGE
Alpha Pinene	10.8
Beta Pinene	11.5
Sabinene	18.0
Delta 3-Carene	9.5
Alpha Phellandrene	2.0
Limonene	21.5
Beta Phellandrene	1.0
cis-Ocimene	0.2
Beta Caryophyllene	21.0
alpha Caryophyllene	0.2
alpha and beta Bisabolenes	0.5
Caryophyllene Oxide	<1.0

This data represents a typical GC analysis of the essential oil.