

TECHNICAL DATA SHEET (TDS)

Product Name	CARNATION ABSOLUTE OIL
Synonyms	CARNATION OIL CARNATION ESSENTIAL OIL CARNATION ABSOLUTE
Botanical Name	Dianthus caryophyllus
Product Code	PAO2016
CAS #	8021-43-0 ; 89958-29-2
EINECS #	289-653-2

Part Used	Flowers
Quality	100% Pure and Natural
Note	Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to olive green colored, slightly viscous, mobile liquid
Odour	Rich, honey-sweet, spicy, floral-herbaceous aroma
Refractive Index	1.465 - 1.505 @ 20°C
Specific Gravity (g/mL)	0.880 - 0.920 @ 20°C
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

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