

Technical Data Sheet

Ginger Organic Essentiële olie

Product: GINGER ORGANIC OIL
Botanical Name: Zingiber officinale
INCI: Zingiber officinale (Ginger) Root Oil
CAS Number: 8007-08-7 ; 84696-15-1
EINECS Number: 283-634-2
Fema: 2822

Part used Rhizomes (Roots)
Extraction method Steam Distilled Essential Oil
Country of Origin India
Quality 100% Pure and Natural

PROPERTIES

Appearance Pale yellow to orange brown colored liquid
Odour Warm, smooth, sweet, spicy aroma reminiscent of fresh ginger
Refractive Index 1.480 - 1.495 @ 20°C
Specific Gravity (g/mL) 0.865 - 0.894 @ 20°C
Optical Rotation -52° to -10°+
Solubility Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS

	SPECIFICATIONS	STANDARDS
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 21250
Pseudomonas aeruginosa	Absent/ 1g	ISO 22717
Staphylococcus aureus	Absent/ 1g	ISO 22718

HEAVY METAL TESTS

	SPECIFICATIONS
Lead (Pb)	< 10 ppm
Arsenic (As)	< 2 ppm
Mercury (Hg)	< 1 ppm

STABILITY AND STORAGE

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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