



Certificate of Analysis

CITRUS PARADISI VAR. ROSEA (GRAPEFRUIT) PEEL OIL

Product code : BLPEO1081
 Sample designation : Grapefruit Pink Essential Oil
 Botanical name : Citrus paradisi var. Rosea
 CAS# : 8016-20-4 ; 90045-43-5
 FEMA# : 2530
 EINECS# : 289-904-6
 Lot number : 10812301
 Geographic origin : South Africa
 Type of culture : Organic, Ethically sourced
 Part of the plant used : Peels
 Extraction method : Cold pressed
 Re-test date : December 2024



ORG/SC/2202/001041

Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to orange colored liquid	meets
Fragrance:	Fresh, light, citrusy, sweet, slightly bitter aroma	meets
Color:	Pale yellow to orange	meets
Note classification:	Top Note	

Analytical Check

Properties	Specifications	Results
Refractive index	1.465 - 1.485 @ 20°C	1.472
Specific gravity (g/mL)	0.848 - 0.861 @ 20°C	0.854
Optical Rotation (°)	+90° to +99°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
Candida albicans	ABSENT / 1g	ISO 18416	Conforms
Escherichia coli	ABSENT / 1g	ISO 21150	Conforms
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	Conforms
Staphylococcus aureus	ABSENT / 1g	ISO 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

Stability and Storage

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

As this is electronically generated document, hence no signature required.

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