501 SPICES

Trust the Source

VANILLA • SPICES • ESSENTIAL OILS

FROM MADAGASCAR

TECHNICAL DATA SHEET

GERANIUM BOURBON ESSENTIAL OIL

Pelargonium × asperum Ehrhart ex Willdenow

1. PRODUCT IDENTIFICATION

Parameter	Specification
Product Name	Geranium Bourbon Essential Oil
Botanical Name	Pelargonium × asperum Ehrhart ex Willdenow
Family	Geraniaceae
Country of Origin	Madagascar
Part Used	Fresh Leaves
Process	Steam Distillation
CAS Number	90082-51-2 / 8000-46-2
EINECS Number	290-140-0

2. DESCRIPTION

100% pure and natural essential oil obtained by steam distillation of fresh Geranium leaves.

Product is free from additives and solvents.

3. ORGANOLEPTIC CHARACTERISTICS

Parameter	Specification
Appearance	Clear mobile liquid
Color	Yellow to greenish yellow
Odor	Floral, rosy, fresh and slightly sweet

4. PHYSICAL & CHEMICAL CHARACTERISTICS

Parameter	Specification
Relative Density at 20°C	0.880 – 0.900

Values may vary according to raw material and batch.

5. MAIN CONSTITUENTS (TYPICAL RANGE)

Constituent	Typical Range (%)
Citronellol	18 – 26
Geraniol	10 – 20
Citronellyl Formate	6 – 13
Linalool	4 – 10
Isomenthone	5 – 10
6,9-Guaiadiene	5 – 9
Geranyl Formate	3 – 8
Other identified compounds	up to 100

The composition may vary according to raw material and batch.

6. PACKAGING

Villa Martin 25 Rue Labigorn | Cité Duplex Pile 32/12 | 501 Toamasina – Madagascar

trade@501-spices.com | +261 32 90 332 36

Packed in food-grade HDPE drums, net weight 25 kg.

7. STORAGE CONDITIONS

Store in a cool, dry place, away from light and heat, in tightly closed containers.

8. SHELF LIFE

24 months under recommended storage conditions.

9. REGULATORY COMPLIANCE

- IFRA Standards, latest revision
- ISO 4731:2006 — Oil of Geranium (Pelargonium spp.)
- Regulation (EC) No. 396/2005 and subsequent amendments regarding Maximum Residue Levels (MRLs) for pesticides
- 100% Pure and Natural Essential Oil