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*Product Specification*  
**Organic Jasmine Extract**  
*(Jasminum grandiflorum)*

## PRODUCT SPECIFICATION SHEET

### 1) PRODUCT IDENTIFICATION

Name: **EXTRAIT DE JASMIN EGYPTE**  
INCI name: **JASMINUM GRANDIFLORUM FLOWER EXTRACT**  
Botanical source: **Jasminum grandiflorum L.**  
Botanical family: **Oleaceae**  
Dietary certification(s): **Halal certified / Kosher certified**

### 2) PART OF PLANT USED

Fresh blossoms

### 3) PRODUCTION

Extraction of the fresh blossoms (using organically recognized extracting agent), followed by concentration of the extract.

### 4) REGULATORY STATUS

1- FEMA	2600
2- RIFM	-
3- FDA	182.20
4- CoE	245n
5- CAS	84776-64-7
6- EINECS	90045-94-6
7- CN Code	3301.90.90
8- UN	3082
9- IATA	Environmentally hazardous substance, liquid, n.o.s. Class 9, "Miscellaneous"; PG III
10- EC	283-993-5
11- WGK	2
12- FDA Bioterrorism	18997568486

### 5) PRINCIPAL CHEMICAL CONSTITUENTS (by gas chromatography, in %)

1- 4.0 - 10.0	Vitamin E = $\alpha$ -Tocopherol	5- 10.0 - 28.0
2- 2.0 - 14.0	Benzyl acetate	6- 3.5 - 13.5
3- 4.0 - 15.0	Phytol (E)+(Z)	7- 1.0 - 5.5
4- 1.5 - 8.5	Eugenol	

### 6) PHYSICAL PROPERTIES

1- Physical state	Pale yellowish-green to dark brown color; inconsistent to viscous liquid, to gelatinous.
2- Odour	Light floral, fresh, sweet, characteristic of fresh blossom, fatty undertone reminiscent of enfleurage character.
3- Solubility in water	Insoluble
4- Solubility in alcohol	Soluble, with slight turbidity in 10 parts Ethanol 96%
5- Solubility in essential oil:	Soluble, with slight turbidity in 10 parts (Geranium oil)
6- Liposolubility (other):	Liposoluble
7- Specific gravity @20°C	0.890 - 0.922
8- Refractive index @20°C	1.467-1.500
9- Optical rotation @20°C	n/a
10- Flash point	>92°C
11- Ester value	n/a
12- Acid value	n/a
13- H/C (%)	5

**We certify that the aforementioned product is 100% pure and natural, is free of any additives, strictly originates from Egyptian raw material, and complies with IFRA (49<sup>th</sup> amendment) and FCC guidelines.**