



PHYTOS

Phytos Natur CZ. s.r.o.

## TECHNICAL DATA SCHEET (TDS)

|                       |                               |
|-----------------------|-------------------------------|
| <b>Product Name</b>   | <b>OSMANTHUS EO</b>           |
| <b>Botanical Name</b> | Osmanthus fragrans            |
| <b>CAS #</b>          | 68917-05-5 ; 92347-21-2       |
| <b>ENCIES #</b>       | 296-209-1                     |
| <b>INCI</b>           | Osmanthus Fragrans Flower Oil |

|                            |                        |
|----------------------------|------------------------|
| <b>Part Used</b>           | Flowers                |
| <b>Extraction Method</b>   | Steam distillation     |
| <b>Quality</b>             | 100 % Pure and Natural |
| <b>Note Classification</b> | Middle to Base Note    |

| PROPERTIES                     | SPECIFICATIONS   |
|--------------------------------|--|
| <b>Appearance</b>              | Light yellow to amber liquid                             |
| <b>Odor</b>                    | Sweet, floral, fruity-caramel with a slight musky nuance |
| <b>Refractive Index</b>        | 1.460 – 1.490 @ 20°C                                     |
| <b>Specific Gravity (g/mL)</b> | 0.900 – 0.980 @ 20°C                                     |
| <b>Solubility</b>              | Soluble in alcohols and fixed oils; Insoluble in water   |

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

| HEAVY METAL TESTS                 | SPECIFICATIONS | STANDARDS |
|-----------------------------------|----------------|-----------|
| <b>Lead: Pb (mg/kg or ppm)</b>    | < 10 ppm       | na        |
| <b>Arsenic: As (mg/kg or ppm)</b> | < 2 ppm        | na        |
| <b>Mercury: Hg (mg/kg or ppm)</b> | < 1 ppm        | na        |

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**