



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

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|-----------------------|-------------------------------------|
| Product Name | LAVANDIN EO |
| Botanical Name | Lavandula hybrida |
| CAS # | 8022-15-9 / 93455-97-1 / 91722-69-9 |
| ENCIES # | 297-385-2 / 294-470-6 |
| FEMA # | 2618 |
| INCI Name | Lavandula Hybrida Oil |

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|----------------------------|-------------------------------|
| Part Used | Flowers |
| Extraction Method | Steam Distilled Essential Oil |
| Quality | 100% Pure and Natural |
| Note Classification | Middle to Top Note |

| PROPERTIES | SPECIFICATIONS |
|--------------------------------|--|
| Appearance | Pale yellow to light amber yellow clear, mobile liquid |
| Odor | Fresh, camphoraceous, herbal-floral, green aroma |
| Refractive Index | 1.455 - 1.465 @ 20°C |
| Specific Gravity (g/mL) | 0.885 - 0.900 @ 20°C |
| Optical Rotation (°) | -7° to +3° |
| 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 Mold | < 10 CFU/g | ISO 16212 |
| Candida albicans | ABSENT / 1g | ISO 18416 |
| Escherichia coli | ABSENT / 1g | ISO 21150 |
| Pseudomonas aeruginosa | ABSENT / 1g | ISO 22717 |
| Staphylococcus aureus | ABSENT / 1g | ISO 22718 |

| HEAVY METAL TESTS | SPECIFICATIONS | STANDARDS |
|-----------------------------------|----------------|-----------|
| Lead: Pb (mg/kg or ppm) | < 10 ppm | na |
| Arsenic: As (mg/kg or ppm) | < 2 ppm | na |
| Mercury: Hg (mg/kg or ppm) | < 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 24 months, quality should be checked before use.

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