



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

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|-----------------------|------------------------------|
| Product Name | LIMETKA EO |
| Botanical Name | Citrus aurantifolia |
| CAS # | 8008-26-2 /90063-52-8 |
| ENCIES # | 290-010-3 |
| FEMA # | 2631 |
| INCI Name | Citrus Aurantifolia Peel Oil |

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|----------------------------|----------------------------|
| Part Used | Peels |
| Extraction Method | Cold Pressed Essential Oil |
| Quality | 100 % Pure and Natural |
| Note Classification | Top Note |

| PROPERTIES | SPECIFICATIONS |
|--------------------------------|--|
| Appearance | Colorless to pale greenish yellow colored liquid |
| Odor | Fresh, zesty, lemony-citrus, slightly sweet aroma |
| Refractive Index | 1.474 - 1.486 @ 20°C |
| Specific Gravity (g/mL) | 0.854 - 0.872 @ 20°C |
| Optical Rotation (°) | +34° to +50° |
| 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 36 months, quality should be checked before use.

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