



REMILA s.r.o., Cukrovarská 320/18, Trenčianska Teplá, 914 01, 0917 492 545 , www.aromasperky.sk

TECHNICAL DATA SHEET (TDS)

| | |
|-----------------------|--|
| Product Name | JUNIPER BERRY OIL |
| Botanical Name | Juniperus communis |
| Product Code | EO083 |
| CAS # | 8002-68-4 ; 84603-69-0 |
| FEMA # | 2604 |
| EINECS # | 283-268-3 |
| INCI Name | Juniperus Communis (Juniper) Berry Oil |

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

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
|--------------------------------|--|
| Appearance | Colorless to pale yellow liquid |
| Odour | Sweet, fresh, woody-green, slightly terpenic aroma |
| Refractive Index | 1.461 - 1.490 @ 20°C |
| Specific Gravity (g/mL) | 0.840 - 0.879 @ 20°C |
| Optical Rotation (°) | -15° to +3° |
| Solubility | Soluble in alcohols and fixed oils; Insoluble in water |

| <u>MICROBIAL ANALYSIS</u> | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> |
|---|------------------------------|-------------------------|
| Aerobic Mesophilic Bacterial Count | < 100 CFU/g | ISO 21149 |
| Yeast and Mould | < 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 |

| <u>HEAVY METAL TESTS</u> | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> |
|-----------------------------------|------------------------------|-------------------------|
| 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 |



REMILA s.r.o., Cukrovarská 320/18, Trenčianska Teplá, 914 01, 0917 492 545 , www.aromasperky.sk

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.

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