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TECHNICAL DATA SHEET (TDS)

| | |
|-----------------------|---------------------------------|
| Product Name | CLARY SAGE ESSENTIAL OIL |
| Botanical Name | Salvia sclarea |
| Product Code | PEO1050 |
| CAS # | 8016-63-5 ; 84775-83-7 |
| FEMA # | 2321 |
| EINECS # | 283-911-8 |
| INCI Name | Salvia Sclarea (Clary Sage) Oil |

| | |
|----------------------------|-------------------------------|
| Part Used | Flowering Tops and Leaves |
| Extraction Method | Steam Distilled Essential Oil |
| Quality | 100% Pure and Natural |
| Note Classification | Middle Note |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
|--------------------------------|---|
| Appearance | Colorless to pale yellow clear liquid |
| Odour | Fresh, sweet, herbaceous, warm aroma with floral undertones |
| Refractive Index | 1.455 - 1.470 @ 20°C |
| Specific Gravity (g/mL) | 0.890 - 0.930 @ 20°C |
| Optical Rotation (°) | -26° to -6° |
| 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 |

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| <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 |

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.

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