

### TECHNICAL DATA SHEET (TDS)

|                |   |
|----------------|---|
| Product Name   | LAVENDER ESSENTIAL OIL 40/42 (STANDARDISED) |
| Botanical Name | Lavandula spp.                              |
| CAS #          | -   |
| EINECS #       | -   |
| INCI Name      | -   |

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

| <u>PROPERTIES</u>       | <u>SPECIFICATIONS</u>                                  |
|-------------------------|--|
| Appearance              | Colorless to pale yellow clear, mobile liquid          |
| Odour                   | Very fresh, sweet, floral-herbaceous aroma             |
| Refractive Index        | 1.455 - 1.466 @ 20°C                                   |
| Specific Gravity (g/mL) | 0.875 - 0.892 @ 20°C                                   |
| Optical Rotation (°)    | -13° to -6°  |
| Solubility              | Soluble in alcohols and fixed oils; Insoluble in water |

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

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

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