

# TECHNICAL DATA SHEET (TDS)

|                |  |
|----------------|--|
| Product Name   | BRAHMI (BACOPA) OIL  |
| Botanical Name | Bacopa monnieri  |
| CAS #          | 93164-89-7 and 8008-74-0   |
| EINECS #       | 296-871-1 and 232-370-6  |
| INCI Name      | Bacopa monniera Leaf Extract (and) Sesamum indicum (Sesame) Seed Oil |

|                   |  |
|-------------------|--|
| Extraction Method | Infusion of Bhringraj (Eclipta alba) leaves in organic Sesame (Sesamum indicum) Seed Oil |
| Quality           | 100% Pure and Natural  |

| <u>PROPERTIES</u>       | <u>SPECIFICATIONS</u>   |
|-------------------------|---|
| Appearance              | Pale yellow to amber green colored liquid                     |
| Odour                   | Characteristic slight herbal aroma                            |
| Refractive Index        | 1.450 - 1.490 @ 20°C  |
| Specific Gravity (g/mL) | 0.895 - 0.935 @ 20°C  |
| Solubility              | Soluble in cosmetic esters 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               |

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