

TECHNICAL DATA SHEET

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|-----------------------|---|
| Product Name | ASHWAGANDHA OIL |
| Botanical Name | Withania somnifera |
| Product Code | PHO7001 |
| INCI Name | Withania somnifera Root Extract (and) Sesamum indicum (Sesame) Seed Oil |
| CAS # | 90147-43-6 and 8008-74-0 |
| EINECS # | 290-434-9 and 232-370-6 |

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|--------------------------|---|
| Extraction Method | Infusion of Ashwagandha (Withania somnifera) roots in organic Sesame (Sesamum indicum) Seed Oil |
| Quality | 100% Pure and Natural |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
|--------------------------------|---|
| Appearance | Pale yellow to amber colored liquid |
| Odour | Characteristic slight aroma |
| Refractive Index | 1.458 - 1.475 @ 20°C |
| Specific Gravity (g/mL) | 0.900 - 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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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.

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