

TECHNICAL DATA SHEET (TDS)

| | |
|-----------------------|---------------------------------|
| Product Name | CARROT SEED OIL |
| Botanical Name | Daucus carota |
| Product Code | PEO1032 |
| CAS # | 8015-88-1 ; 84929-61-3 |
| FEMA # | 2244 |
| EINECS # | 284-545-1 |
| INCI Name | Daucus Carota (Carrot) Seed Oil |

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

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
|--------------------------------|--|
| Appearance | Yellow to pale orange brown colored liquid |
| Odour | Strong, dry, root-like, woody, earthy aroma |
| Refractive Index | 1.475 - 1.500 @ 20°C |
| Specific Gravity (g/mL) | 0.902 - 0.964 @ 20°C |
| Optical Rotation (°) | -30° to +25° |
| 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 |

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Salvia Cosmeceuticals provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.