

## TECHNICAL DATA SHEET

|                       |                               |
|-----------------------|-------------------------------|
| <b>Product Name</b>   | <b>BABCHI (BAKUCHI) OIL</b>   |
| <b>Botanical Name</b> | Psoralea corylifolia          |
| <b>Product Code</b>   | PHO7010                       |
| <b>INCI Name</b>      | Psoralea Corylifolia Seed Oil |

|                          |                       |
|--------------------------|-----------------------|
| <b>Extraction Method</b> | Cold Pressed          |
| <b>Quality</b>           | 100% Pure and Natural |

| <u>PROPERTIES</u>              | <u>SPECIFICATIONS</u>   |
|--------------------------------|---|
| <b>Appearance</b>              | Dark amber to reddish brown colored liquid                    |
| <b>Odour</b>                   | Characteristic slight herbaceous and earthy aroma             |
| <b>Refractive Index</b>        | 1.450 - 1.520 @ 20°C  |
| <b>Specific Gravity (g/mL)</b> | 0.900 - 0.950 @ 20°C  |
| <b>Bakuchiol Content</b>       | 9.0 – 10.0  |
| <b>Solubility</b>              | Soluble in cosmetic esters and fixed oils; Insoluble in water |

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

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

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### **STABILITY AND STORAGE:**

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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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