



PRODUCT SPECIFICATION

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|---------------------------|----------------------------|
| Date of Issue: 20/01/2020 | Document No: VRI/PS/01-048 |
| Revision Date: 11/07/2020 | Revision No: 01 |

| Product Name | Champaca Essential Oil (White) |
|-------------------|--|
| Botanical Name | <i>Michelia alba L.</i> |
| CAS # | 92457-18-6 |
| EC # | 296-299-2 |
| EINECS # | --- |
| INCI Name | Michelia alba flower oil |
| INCI Description | Michelia Alba Flower Extract is the extract of the flowers of Michelia alba, Magnoliaceae. |
| Country of Origin | India |
| Packaging | As Per Customer Requirement |

| | |
|---------------------|-----------------------|
| Part Used | Flower |
| Extraction Method | Steam Distillation |
| Quality | 100% Pure and Natural |
| Note Classification | Strong |

| Physical & Analytical Analysis | SPECIFICATIONS |
|--------------------------------|---|
| Appearance | Light red transparent liquid |
| Odor | Sweet and floral Odor |
| Refractive Index @ 20°C | 1.465 |
| Specific Gravity (g/mL) @ 20°C | 0.945 |
| Optical Rotation (°) | 38.27° |
| Solubility | Insoluble in water, soluble in alcohol and oils |

| Ingredients | Strength (%) |
|---------------------|--------------|
| Linalool | 76.3 |
| 2-phenylethanol | 6.4 |
| 9,12-octadecadienal | 2.3 |
| Methyl-eugenol | 2.3 |
| Methyl-hexanoate | 1.0 |

| EU Allergens |
|--------------|
| Linalool |

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

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

Note: This Product Specification Sheet was prepared in accordance with the Quality parameters taken during product manufacturing/processing to maintain the quality of the product. This Specification Sheet shows the product characteristic feature of the actual product. However you can find the detailed examination report for the respective batches in their COA.