

## **TECHNICAL DATA SHEET**

|                            |                                          |
|----------------------------|------------------------------------------|
| <b>Product Name</b>        | <b>BROOM (GENET) ABSOLUTE OIL</b>        |
| <b>Botanical Name</b>      | Spartium junceum                         |
| <b>Product Code</b>        | PAO2040                                  |
| <b>CAS #</b>               | 8023-80-1 ; 90131-21-8                   |
| <b>EINECS #</b>            | 290-331-9                                |
| <b>FEMA #</b>              | 2504                                     |
| <b>INCI Name</b>           | Tanacetum Annuum (Blue Tansy) Flower Oil |
| <b>Part Used</b>           | Flowers                                  |
| <b>Quality</b>             | 100% Pure and Natural                    |
| <b>Note Classification</b> | Middle Note                              |

| <b><u>PROPERTIES</u></b>       | <b><u>SPECIFICATIONS</u></b>                              |
|--------------------------------|-----------------------------------------------------------|
| <b>Appearance</b>              | Amber to golden brown colored, slightly viscous liquid    |
| <b>Odour</b>                   | Rich, honey-sweet, fruity-floral aroma                    |
| <b>Refractive Index</b>        | 1.464 - 1.482 @ 25°C                                      |
| <b>Specific Gravity (g/mL)</b> | 0.900 - 0.980 @ 20°C                                      |
| <b>Solubility</b>              | Soluble in alcohols and fixed oils;<br>Insoluble in water |

| <b><u>MICROBIAL ANALYSIS</u></b>          | <b><u>SPECIFICATIONS</u></b> | <b><u>STANDARDS</u></b> |
|-------------------------------------------|------------------------------|-------------------------|
| <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               |

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| <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               |

### **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.

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