

TECHNICAL DATA SHEET (TDS)

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|-----------------------|------------------------------------|
| Product Name | VIOLET OIL |
| Synonyms | VIOLET OIL VIOLET ESSENTIAL OIL |
| Botanical Name | Viola odorata |
| Product Code | E247 |
| CAS # | 8024-08-6 ; 90147-36-7 |
| FEMA # | 3110 |
| EINECS # | 290-427-0 |

| | |
|------------------|-----------------------|
| Part Used | Leaves |
| Quality | 100% Pure and Natural |
| Note | Base to Middle Note |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
|--------------------------------|--------------------------------------------------------------------|
| Appearance | Olive green to dark green colored, slightly viscous, mobile liquid |
| Odour | Leafy-green, earthy, woody slightly floral aroma |
| Refractive Index | 1.470 - 1.500 @ 20°C |
| Specific Gravity (g/mL) | 0.930 - 0.975 @ 20°C |
| 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 |

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| <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 |

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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