



REMILA s.r.o., Cukrovarská 320/18, Trenčianska Teplá, 914 01, 0917 492 545 , www.aromasperky.sk

CERTIFICATE OF ANALYSIS (COA)

| | |
|-----------------------|---|
| Product Name | TUBEROSE ABSOLUTE OIL |
| Synonyms | TUBEROSE OIL TUBEROSE ESSENTIAL OIL TUBEROSE ABSOLUTE |
| Botanical Name | Polianthes tuberosa |
| Product Code | E0078 |
| CAS # | 8024-05-3 ; 94334-35-7 |
| EINECS # | 305-108-4 |

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

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------------------------|--|-----------------------|
| Appearance | Reddish orange to brown colored, slightly viscous liquid | CONFORMS |
| Odour | Extremely rich, intensely sweet, soft floral aroma | CONFORMS |
| Refractive Index | 1.475 - 1.500 @ 20°C | 1.485 |
| Specific Gravity (g/mL) | 0.915 - 0.969 @ 20°C | 0.949 |
| Solubility | Soluble in alcohols and fixed oils; Insoluble in water | CONFORMS |

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

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

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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