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Certificate of Analysis Sheet

Organic Blue Tansy Essential Oil

(*Tanacetum annuum*)

| | | | |
|--------------|-----------------------------|------------------|----------|
| Date: | 18.02.2021 | Batch No: | 220221-1 |
| INCI | Tanacetum Annuum Flower Oil | Origin | Morocco |

Appearance: Liquid – Dark Blue
Odour: Characteristic

| TEST | SPECIFICATION | ANALYSIS |
|--------------------------------|---------------|----------|
| Specific Gravity @ 20°C (g/ml) | 0.870 – 0.940 | 0.905 |
| Refractive Index @ 20°C | 1.465 - 1.535 | 1.507 |

| GC Analysis (%) | |
|-----------------------------------|------|
| a-thujone | 0.45 |
| 1-8 cineole | 0.58 |
| (E) β -caryophyllene | 1.8 |
| a - pinene | 3.0 |
| β -phellandrene | 0.48 |
| a-humulene | 0.92 |
| camphene | 0.99 |
| limonene | 2.4 |
| germacrene D | 1.2 |
| sabinene | 20.5 |
| γ -terpinene | 2.0 |
| β -selinene | 0.25 |
| β - pinene | 6.9 |
| terpinolene | 0.66 |
| a- farnesene | 5.4 |
| myrcene | 9.9 |
| camphor | 5.9 |
| γ -cadinene | 0.95 |
| a-phellandrene | 6.3 |
| borneol | 1.9 |
| (E) β - caryophyllene oxide | 0.25 |
| a-terpinene | 1.2 |
| Terpinen-4-ol | 2.0 |
| chamazulene | 9.3 |
| p- cymene | 5.4 |

Date of Packing: February 2021
Date of Expiry: February 2024

This COA is produced electronically therefore no signature is required.