



NHR ORGANIC OILS

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Gas Liquid Chromatography (GLC) *Certificate of Analysis Sheet* **ORGANIC CHAMOMILE GERMAN - England** *MATRICARIA RECUTITA* **ESSENTIAL OIL**

| Product Information | |
|--|-----------------------------|
| Extraction Method: STEAM DISTILLED | Parts Used: FLOWER PLANT |
| Quality: 100% PURE & NATURAL | Cultivation: ORGANIC |
| Origin: ENGLAND | Supp Code: Pb. Ref: 16103-1 |
| Analysis Specifications | |
| PHYSICAL APPEARANCE: A dark blue coloured liquid SENSORY EVALUATION: Sweet, fruity, herbal | |
| ACID VALUE ISO 1242: 4.94 5 - 50 ESTER VALUE ISO 709: 28.61 <40 MISCIBILITY IN 95% Cloudy suspension in 10ml not fully soluble EtOH ISO 279: in Ethanol | |
| RELATIVE DENSITY 0.910 - 0.950 | |
| <u>CONSTITUENT PERCENTAGE (%)</u> | |
| Beta Farnesene | 33.09% |
| Ylang st -2 | 8.74% |
| Chamazulene | 8.86% |
| 1.5 heptadiene, 2.5-dimethyl-2- | 5.69% |
| Bisabol oxide | 5.32% |
| Unknown | 4.64% |
| Ylang st-1 | 4.15% |
| Unknown | 2.38% |
| Farnesene | 2.37% |
| Spathulenol | 2.30% |
| e-ocimene | 1.80% |
| 1,5-heptadien-4-one | 1.44% |
| 6,10,11,11-tetramethyl (etc) | 1.19% |
| Beta sesquiphellandrene | 1.08% |
| Bicyclo (3.1.1.)heptane,6-methyl-2- | 1.02% |

