



NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Comfrey Leaf in Sunflower Oil
(Symphytum officinale/Helianthus annuus)

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| BATCH NUMBER: 070322-3 |
| PRODUCT INCI: SYMPHYTUM OFFICINALE LEAF EXTRACT & HELIANTHUS ANNUUS SEED OIL |
| CAS NUMBER: 84696-05-9 & 8001-21-6 |
| EINECS NUMBER: 283-625-3 & 232-273-9 |
| MANUFACTURING METHOD: NATURAL HERB INFUSION |
| MANUFACTURING DATE: 06/05/2021 |

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|--|-----------------|---------|
| APPEARANCE | OILY LIQUID | - |
| ODOUR | CHARACTERISTIC | - |
| COLOUR | YELLOW - GOLDEN | - |
| REFRACTIVE INDEX @ 20°C | 1.460 – 1.480 | 1.471 |
| SPECIFIC GRAVITY @ 20°C | 0.902 – 0.925 | 0.913 |
| PEROXIDE VALUE (MEQ O ₂ / KG) | <15.0 | 2.0 |
| FREE FATTY ACID | <1.0 | 0.37 |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|-----------|-------------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | 4.0 – 9.0 | 6.5 |
| C18:0 | STEARIC | <7.0 | 3.0 |
| C18:1 | OLEIC | 14.0 - 42.0 | 33.2 |
| C18:2 | LINOLEIC | 48.0 - 75.0 | 54.1 |
| C18:3 | LINOLENIC | <0.5 | 0.3 |