



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

BATCH NUMBER: 210723-1
PRODUCT INCI: SYMPHYTUM OFFICINALE LEAF & HELIANTHUS ANNUS SEED OIL
ORIGIN: UK
CAS NUMBER: 84696-05-9 & 8001-21-6
EINECS NUMBER: 283-625-3 & 232-273-9
MANUFACTURING METHOD: NATURAL HERB INFUSION IN SUNFLOWER OIL

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW -BROWNISH	-
REFRACTIVE INDEX @20°C	1.462 – 1.510	1.472
SPECIFIC GRAVITY @20°C	0.903 – 0.930	0.910
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	2.0
FREE FATTY ACID	<2.0	0.74
ACID VALUE	<4.0	0.74

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 7.6	6.97
C18:0	STEARIC	2.7 – 6.5	3.52
C18:1	OLEIC	14.0 – 40.0	29.36
C18:2	LINOLEIC	50.0 – 74.0	58.84
C18:3	ALPHA LINOLENIC	<0.3	0.13
C20:0	ICOSANOIC	<1.0	0.22
C20:1	ICOSENOIC	<1.0	-
C22:0	DOCOSANOIC	<1.0	-

The attached information is considered to be correct at the time the client received this information.  
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.  
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.