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Certificate of Analysis Sheet

Organic Comfrey Leaf Oil

(*Symphytum officinale*/*Helianthus annuus*)

BATCH NUMBER: 070820-1
PRODUCT INCI: SYMPHYTUM OFFICINALE LEAF & HELIANTHUS ANNUS SEED OIL
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 ₂ / KG)	<20.0	2.0
FREE FATTY ACID	<2.0	0.74
ACID VALUE	<4.0	1.13

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	-

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