



THE OIL FAMILY

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: HORSE CHESTNUT, INFUSED IN SUNFLOWER OIL

LOT NUMBER: LOT0017495

PRODUCT INCI: AESCULUS HIPPOCASTANUM EXTRACT & HELIANTHUS ANNUUS SEED OIL

PRODUCT CODE: K0891

CAS NUMBER: 8053-39-2 & 8001-21-6

EINECS NUMBER: 232-497-7 & 232-273-9

MANUFACTURING METHOD: NATURAL HERB INFUSION

MANUFACTURING DATE: 28/07/2023

BEST BEFORE DATE: 28/07/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	YELLOW - GOLDEN	COMPLIES
REFRACTIVE INDEX @ 20°C	1.460 - 1.480	1.470
SPECIFIC GRAVITY @ 20°C	0.902 - 0.925	0.916
PEROXIDE VALUE (MEQ O <sub>2</sub> /KG)	<15.0	0.25
FREE FATTY ACID	<1.0	0.15

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 - 9.0	5.9
C18:0	STEARIC	<7.0	3.5
C18:1	OLEIC	14.0 - 42.0	28.8
C18:2	LINOLEIC	48.0 - 75.0	59.7
C18:3	LINOLENIC	<0.5	0.2

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