



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: PERILLA SEED OIL, COLD PRESSED**

**LOT NUMBER: LOT0001714**

PRODUCT INCI: PERILLA OCYMOIDES SEED OIL

PRODUCT CODE: K0558

CAS NUMBER: 90082-61-4

EINECS NUMBER: 290-151-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 05/11/2018

BEST BEFORE DATE: 05/05/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	LIGHT YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.425 – 1.495	1.440
SPECIFIC GRAVITY @ 20°C	0.920 – 0.950	0.935
ACID VALUE	<4.0	2.9
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	8.0
UNSATURATED MATTER	<2.5	1.25

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	4.0 – 10.0	6.5
C18:0	STEARIC	1.0 – 4.0	2.0
C18:1	OLEIC	10.0 – 25.0	21.7
C18:2	LINOLEIC	12.0 – 20.0	16.3
C18:3	ALPHA LINOLENIC	<67.0	52.6

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