

# Certificate of Analysis

Raw Material Code: R00166

Product Description: Evening Primrose Oil, Refined

INCI Name: Oenothera Biennis Oil

EINECS Number: 289-859-2

CAS Number: 90028-66-3

Date of Production: October-2014

Best Before: March-2017

Lot Number: L000134913

Retest Date: -

Analytical Details	Result
Appearance	Clear pale yellow
Odour	Characteristic
Relative Density (g/ml)	0.923
Refractive Index nD20	1.479
Peroxide Value (meq O <sub>2</sub> / kg)	0.81
Saponification Value	191
Unsaponifiable Matter (%)	1
Colour (Gardner)	5
Acid Value (mg KOH/g)	0.47
TOTOX VALUE	10.2
BENZO (A) PYRENE (ug/kg)	Complies
ANISIDINE VALUE	8.6
SUM OF DIOXINS AND FURANS (AS WHO-PCDD/F-TEQ/G) <sup>1</sup> (PG/G)	Complies
SUM OF DIOXINS, FURANS, DIOXIN-LIKE PCBS (WHO-PCDD/F-PCB-TEQ/G) <sup>1</sup> (PG/G)	Complies
MOISTURE & VOLATILE MATTER (%)	<0.1
SALMONELLA (CFU/G)	Absent
YEAST & MOULDS (CFU/G)	<10.0
TOTAL VIABLE COUNT (TVC) (CFU/G)	<100
E. COLI (CFU/G)	Absent
STAPHYLOCOCCUS AUREUS (CFU/G)	Absent

Palmitic Acid	C16:0	5.3
Stearic Acid	C18:0	2
Oleic Acid	C18:1	7.3
Linoleic Acid	C18:2	73.9
Linolenic Acid	C18:3 Gamma	9.5

