

CERTIFICATE OF
ANALYSIS EVENING
PRIMROSE ORGANIC OIL

DESCRIPTION

Product: Evening Primrose, Organic Cold Pressed

INCI Name: OenotheraBiennis Oil

CAS No: 90028-66-3

EINECS No: 289-859-2

Date of Production: Nov-2019

Best Before: Nov-2022

BATCH: 10997/6/43

CHARACTERISTICS

Analytical Details	Results
Appearance	Clear oil with low viscosity and yellowish colour
Odour	Characteristic
Specific Gravity @ 20°C	0.925
Refractive index @ 20°C	1.478
Peroxide Value (Meq O2/kg)	1.47
Saponification value	191
Unsaponifiable Matter	0.7
Iodine Value	135
Colour (Gardner)	3.6
Acid Value (mg KOH/g)	0.46
BENZO (A) PYRENE (ug/kg)	0.8
Sum of Dioxins and Furans (as WHO-PCDD/F-TEQ/G)1(PG/G)	0.5
Sum of Dioxins, Furans, Dioxin-like PCB's (WHO-PCDD/F-TEQ/G)1(PG/G)	0.6
Moisture & Volatile Matter @ 105°C m/m	0.03
Salmonella (cfu/g)	Absent
Yeast and Moulds	36
Total Viable Count or Total Plate Count (cfu/g)	356
E. coli (cfu/g)	Absent
Staphylococcus Aureus (cfu/g)	Absent

Palmitic Acid	C16:0	6.88
Palmitoleic Acid	C16:1	0.11
Stearic Acid	C18:0	2.04
Oleic Acid	C18:1	6.78
Linoleic Acid	C18:2	73.44
Gamma Linolenic Acid	C18:3	9.11
Arachidic Acid	C20:0	0.22
Eicosenoic Acid	C20:1	0.16
Behenic Acid	C22:0	0.1
Lignoceric Acid	C24:0	0.1

