

Product name: Evening Primrose CO2-to Seeds Extract
Product code: CO310
Batch: 832022
Best before date: 08/2027

General identification data

Parameter	Value
Product color	Amber, Yellow
Country of origin	China, Germany
Odour	Characteristic
Appearance	Oil solution

Analytical parameters

Parameter	Value	Range
Aflatoxin B1 (ppb)	< 0,01	
Aflatoxins B1, B2, G1, G2 (ppb)	< 0,01	
Water activity (a _w)	0,678	<0,7
Benzo[a]pyrene, C20H12 (ppm)	Complies	<0,002
Campesterol (%)	0,06	
Total monounsaturated fatty acids (%)	7,7	
Total saturated fatty acids (%)	8,4	
Total polyunsaturated fatty acids (%)	83,9	
Acid value (mg KOH/g)	5,9	<12
Ester value (mg KOH/g)	184	170-200
Refractive index at 20 °C	1,4774	1,4760-1,4810
Unsaponifiable matter (%)	2,3	0,5-4
Water content (%)	0,21	
Ochratoxin A (ppb)	0,6	
Peroxide value (meq O2/kg)	6,8	<15
Saponification value (mg KOH/g)	190	170-200

Handymade s.r.o.

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Analytical parameters		
Parameter	Value	Range
Sitosterol (%)	0,67	
Specific density at 20 °C (g/cm3)	0,9311	0,910-0,940
Total sterols (as sitosterol) (%)	1,0	
Stigmasterol (%)	0,001	
Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene (ppm)	Complies	<0,010
Fatty acid profile		
Parameter	Value	Range
Alpha-linolenic acid C18:3	0,16	
Arachidic acid C20:0	0,32	
Behenic acid C22:0	0,039	<2
Erucic acid C22:1	0	<0,1
Gamma-linolenic acid C18:3	8,5	8-13
Linoleic acid C18:2	75,2	65-78
Nervonic acid C24:1	0	
Oleic acid C18:1	6,9	4-12
Palmitoleic acid C16:1	0,049	
Palmitic acid C16:0	6,3	4-10
Stearic acid C18:0	1,8	<4
Vaccenic acid C18:1	0,66	

All data and facts above are taken from the certificate provided by the manufacturer. This certificate confirms that the product meets all specified quality parameters and regulatory requirements.

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