



SPECIFICATION

Evening Primrose Oil-Powder

- micro-encapsulated -

Article No.: 40-000035

Description:

Fine, white, powder with a light typical taste and odour. The powder is obtained by micro-encapsulation of Evening Primrose oil, which provides protection against oxidation of the unsaturated fatty acids.

Standard-Composition:

Evening Primrose Oil, GLA \geq 9%	37 - 43 %
Modified starch	55 - 65 %
Water	0,5 - 5,0 %
Antioxidant (Mixed tocopherol, Ascorbyl palmitate, Citric acid)	0,1 - 1,0 %

Methods:

Roese-Gottlieb, modif.
Petrol benzine extraction
Dry substance -105 °C
Calculation

Physical Values:

Bulk density	20 - 50 g / 100 ml	ÖNORM A5561
Peroxide value	< 20,0 meq / kg	LMBG § 35 L13.00.6, modif.
Acid value	< 5,0 mg KOH / g	LMBG § 35 L13.00.5, modif.

GLA-Content Powder: \geq 3,4 % Calculation

Heavy Metals:

Lead	\leq 3 ppm	A.A.S./Polarography
Cadmium	\leq 1 ppm	A.A.S./Polarography
Mercury	\leq 0,1 ppm	A.A.S./Polarography

Minerals: > 1000 ppm F.E.S/A.A.S./Calculation

Microbiology:

Total plate count	\leq 1 x 10 ⁴ CFU/g	ÖNORM N 2504
Yeast and mould	\leq 1 x 10 ² CFU/g	PA 09E040, FIL/IDF 94B/1990
Coliform bacteria	negative/g	PA 09E010, VRB agar
Salmonella	negative/375g	PA 09E001 analog ISO 6579

Nutritional Values: (calculated average)

Fat	40 g / 100 g	Roese-Gottlieb, modif.
Carbohydrates	58 g / 100 g	Calculation
Total Joules	2466 kJ / 100 g (\pm 5 %)	Calculation
Total Calories	587 kcal / 100 g (\pm 5 %)	Calculation



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Storage / Durability:

The powder should be stored at a cool (10-20°C), dark and dry place. Durable 24 months in originally closed bags. Opened bags should be filled with nitrogen, closed airtight and consumed within four weeks.

Remark:

This product is in accordance with Regulations (EC) No. 1829/2003 and No. 1830/2003. A labelling regarding presence of genetically modified organisms (GMO) is therefore not necessary.

