



**Technical Data Sheet**

**Leinsamen P.E. 20% SDG (18659)**  
**Flax seed P.E. 20% SDG (18659)**

**PRODUCT INFORMATION**

Name	Flaxseed powder extract with 20% SDG		
Botanical Name	Linum usitatissimum L.		
Part Used	Seeds		
Origin	China	Extraction solvent	Ethanol & Water
Origin Raw Material	China	Extract Ratio	15:1
Composition	100% Flax seed, 0% Carrier, No Additives		

ITEM	SPECIFICATION	METHOD
Assay SDG (Secoisolariciresinol Diglucoside.)	≥20.0%	HPLC
Appearance*	Brown yellow fine powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Identical to R.S. sample	HPTLC
Sieve analysis	100% through 80 Mesh	Eur.Ph. <2.9.12>
Loss on Drying	max 5%	Eur. Ph. <2.8.17>
Total Ash	max 10%	Eur. Ph. <2.4.16>
Bulk Density	0.40-0.60g/ml	Eur.Ph. <2.9.34>
Solvents Residue	Meets Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>
Pesticides Residue	Meets Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>

\*The color may vary

HEAVY METALS	SPECIFICATION	METHOD
Lead (Pb)	≤3.0 ppm	Eur.Ph. <2.2.58>ICP-MS
Arsenic (As)	≤2.0 ppm	Eur.Ph. <2.2.58>ICP-MS
Cadmium (Cd)	≤1.0 ppm	Eur.Ph. <2.2.58>ICP-MS
Mercury (Hg)	≤0.1 ppm	Eur.Ph. <2.2.58>ICP-MS

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <1,000 cfu/g, Salmonella: negative, E. Coli: negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Fructose & Lactose free	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
Nanomaterials	Absent According to Reg. (EC) 1169/2011
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
<b>Unintentional contact (traces) in the supply chain cannot be excluded.</b>	
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

**STORAGE AND HANDLING**

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
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**All above information according to the manufacturer / supplier**

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