



Technical Data Sheet

Silymarin 80% ex Mariendistel P.E.
Silymarin 80% ex Milk Thistle P.E.

PRODUCT INFORMATION

Latin name	Silybummarianum (L.)Gaertn
Part Used	Seed
Origin	China
Extraction solvent	Acetone and Hexane
Extract ratio	22~25:1
Carrier	None

ITEM	SPECIFICATION	METHOD
Silymarin Assay	≥80.0%	UV-Vis
Silybin & Isosilybin	≥30.0%	HPLC
Appearance	Yellowish-brown Powder	Visual
Odor & Taste	Characteristic	Visual&Taste
Identification	Positive	TLC
Particle Size	100%Through 80 Mesh	USP<786>
Loss on Drying	≤5.0%	USP42-NF37<731>
Residue on Ignition	≤0.5%	USP42-NF37<281>
Bulk Density	45-62g/100ml	USP42-NF37<616>

*The color may vary

STATEMENTS

Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free Conforms
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g, Salmonella negative, E. Coli negative, S. Aureus negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and Nr. 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
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