

Milk Thistle Extract 80% Silymarin Powder

Product Characteristics

Botanical Name	<i>Silybum marianum</i>
Plant Part	Seeds of <i>S. marianum</i>
Appearance	Yellow to yellowish-brown powder
Carrier	None
Solvent	Acetone
Country of Origin	China

Profile	Method	Specification
Identification	TLC	Complies to standard
	HPLC	Complies to standard
Silymarin	UV	≥ 80%
Silymarin (as silybin)	HPLC	30.0 – 65.0%
Salycristine + silydiamine	HPLC	20.0 – 45.0%
Silybin A + silybin B	HPLC	40.0 – 65.0%
Isosilybin A + isosilybin B	HPLC	10.0 – 20.0%
Loss on drying		≤ 5.0%
Sulphated ash		≤ 0.5%
Heavy metals		≤ 10 ppm
Arsenic		≤ 1 ppm
Cadmium		≤ 0.5 ppm
Lead		≤ 0.3 ppm
Mercury		≤ 0.1 ppm
Residual solvents		Meets USP 467
Pesticide residue		Meets USP 561
Particle analysis		≥ 90.0% through 80 mesh
Bulk density		≥ 0.40 g/ml
Tapped density		≥ 0.60 g/ml
Total aerobic plate count		≤ 1000 CFU/g
Yeast		≤ 100 CFU/g
Mold		≤ 100 CFU/g
E. Coli		Negative
Salmonella		Negative
S. aureus		Negative

Storage

Store in tight containers, protected from light, moisture and heat.

Revision: 2/3/23