



Xi'an OriginBio Technology Co., Ltd

西安知源生物科技有限公司

Certificate of Analysis

Product and Batch Information			
Product name	Liposomal Silymarin		
Ingredients	Silymarin, Sunflower Lecithin, Arabic gum	Country of Origin	P.R.China
Batch Number	LSIL260701	Manufacturer Date	Jul.20th,2026
Reference	In house	Expiry Date	Jul.19th,2028

Items	Specification	Results	Method
Active Ingredient			
Silymarin	35.0%~40.0%	36.69%	HPLC
Silybin	35.0%~40.0%	35.48%	HPLC
Physical Control			
Appearance	White to light yellow powder	Conforms	Visual
Moisture Content	NMT 10.0%	4.20%	Karl Fischer
Bulk density	NLT 0.30g/cm ³	0.32g/cm ³	USP-NF 2024
Tapped Density	NLT 0.45g/cm ³	0.47g/cm ³	USP-NF 2024
Polydispersity Index (PDI)	NMT 0.5	Conforms	DLS
Particle Size	NLT 95% pass 60mesh	98.97%	Sieve
Chemical Control			
Lead (Pb)	NMT 3.0ppm	Conforms	ICP-MS
Arsenic (As)	NMT 0.5ppm	Conforms	ICP-MS
Mercury (Hg)	NMT 0.1ppm	Conforms	ICP-MS
Cadmium (Cd)	NMT 1.0ppm	Conforms	ICP-MS
Microbiological Control			
Total Plate Count	NMT 1000cfu/g	Conforms	USP-NF 2024
Yeast & Mold	NMT 100cfu/g	Conforms	USP-NF 2024
Salmonella	Negative	Conforms	USP-NF 2024
E.Coli	Negative	Conforms	USP-NF 2024
Staphylococcus aureus	Negative	Conforms	USP-NF 2024
Packing and Storage			
Packing	Suitable for the food industry		
Storage	Temperature(below 25°C),sealed,away from heat,light,moisture-proof storage		
Shelf Life	2 years if stored in accordance with recommendations		

QC MANAGER:Longyi QC:Xiaoliang

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