

Certificate of Analysis

Product and Batch Information			
Product Name	Liposomal EGCG		
Brand name	LipoAvail™		
Batch No.	LEGCG260601		
Ingredients	EGCG, Sunflower Lecithin		
Manufacture Date	Jun. 08th, 2026	Expiry Date	Jun. 07th, 2028
Country of Origin	P.R. China	Reference	In house
Item	Specification	Result	Test Method
Active Ingredient			
EGCG	65.0%-75.0%	74.92%	HPLC
Physical Control			
Appearance	White to light yellow powder	Conforms	Visual
Moisture Content	NMT 5.0%	2.39%	Karl Fischer
Bulk density	NLT 0.20g/cm ³	0.30g/cm ³	USP-NF 2024
Tapped Density	NLT 0.30g/cm ³	0.46g/cm ³	USP-NF 2024
Polydispersity Index (PDI)	NMT 0.5	Conforms	DLS
Particle Size	NLT 95% pass 60 mesh	100%	Sieve
Chemical Control			
Lead (Pb)	NMT 0.5ppm	Conforms	ICP-MS
Arsenic (As)	NMT 0.5ppm	Conforms	ICP-MS
Mercury (Hg)	NMT 0.1ppm	Conforms	ICP-MS
Cadmium (Cd)	NMT 0.5ppm	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	Negative	Conforms	USP-NF 2024
Packing and Storage			
Packing	Suitable for food industry		
Storage	Room temperature(below 25°C), sealed, away from light, moisture-proof storage.		
Shelf Life	2 years if sealed and stored properly.		

Analyst: *Lanlan*

Approver:

