YOUTH HEALTHY 青春康美 **Xi'an Youth Biotech Co.,Ltd**
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CERTIFICATE OF ANALYSIS

Product Name	Liposomal Quercetin	**Batch Number**	HPS20250625
Batch Size	580 KG	**MFG Date**	Jun 25, 2025
Country of Origin	China	**Expiry Date**	Jun 24, 2027
Ingredients	Quercetin, Sunflower Lecithin		

ITEM	**SPECIFICATION**	**RESULT**	**TEST METHOD**
Assay(Fisetin)	≥70%	72.34%	HPLC
Physical Description			
Identification	Corresponds to Standard	Conforms	TLC
Appearance	Yellow-green powder	Conforms	Visual
Odor & Taste	Unique Odor&Taste of Tannin	Conforms	Organoleptic
Particle size	95% through 40 mesh	Conforms	GB/T 5507-85
Bulk density	≥0.20g/cm^3	0.28g/cm^3	USP-NF 2024
Tapped Density	≥0.35g/cm^3	0.45g/cm^3	USP-NF 2024
Loss on drying	≤6.0%	4.95%	GB/T 5009.3
Chemical Tests			
Total Heavy Metals	≤10 ppm	Conforms	AAS
Arsenic (As)	≤3 ppm	Conforms	AAS
Lead (Pb)	≤2 ppm	Conforms	AAS
Cadmium (Cd)	≤1 ppm	Conforms	AAS
Mercury (Hg)	≤0.1 ppm	Conforms	AAS
Microbiology Control			
Total Plate Count	≤1,000cfu/g	Conforms	USP-NF 2024
Total Yeast & Mold	≤100cfu/g	Conforms	USP-NF 2024
E. coli	Negative	Negative	USP-NF 2024
Salmonella	Negative	Negative	USP-NF 2024
Staphylococus	Negative	Negative	USP-NF 2024
Conclusion	Conforms to specification		
Packaging&Storage	Packed in paper carton outside and two PE bags inside. NW: 25KG		
Shelf Life	24 months when properly stored		

QC: Guo Shan **QA: Li Feng**

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