



CERTIFICATE OF ANALYSIS

Product Name: Horse Chestnut Seed Extract			
Botanic Name	Aesculus hippocastanum L.	Country of Origin	P. R. China
Plant Part	Seed	Manufacture Date	2026-JAN-26
Batch	20260126	Expiry Date	2029-12-03
Quantity	300Kgs	Type of extraction	Ethanol and Water
Analysis Item	Specification	Result	Test Method
Typical Analysis			
Escin	≥20%	20.39%	UV
Identification	Positive	Complies	TLC
Appearance	Brown yellow powder	Complies	Visual
Odor& Taste	Characteristic	Complies	Organoleptic
Sieve Analysis	95% pass 80 mesh	Complies	80 mesh
Loss on Drying	5% Max	3.13%	CP2005
Ash	10% Max	3.27%	CP2005
Heavy Metals			
Arsenic (As)	NMT2.0ppm	Complies	Atomic Absorption
Cadmium(Cd)	NMT1.0ppm	Complies	Atomic Absorption
Lead (Pb)	NMT3.0ppm	Complies	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	Complies	Atomic Absorption
Heavy Metals	10ppm Max	Complies	Atomic Absorption
Microorganism			
Total Plate Count	10000cfu/g Max	Complies	USP32<61>
Salmonella	Negative	Complies	USP32<61>
Yeast & Mold	1000cfu/g Max	Complies	USP32<61>
E.Coli	Negative	Negative	USP32<61>
Staphylococcus aureus	Negative	Negative	CP2010
Aflatoxins			
B1	< 2 µg/ kg	Negative	CP2010
Σ B1, B2, G1, G2	< 4 µg/ kg	Negative	CP2010
Packing and Storage			
Packing	Packing in paper-drums and two plastic-bags inside.		
Storage	Store in a well-closed container away from moisture.		
Shelf Life	3years if sealed and store away from direct sun light.		
General Statement	Non-Irradiated		