

Polygonum Cuspidatum Extract 50% Resveratrol Powder

Product Characteristics

Botanical Name	<i>Polygonum cuspidatum</i> Siebold & Zucc. [Polygonaceae]
Plant Part	Root
Solvent	Methanol, ethanol, ethyl acetate, water
Carrier	None
Manufacturer	Huayuan Hengyuan
Appearance	Dark, golden-brown powder

Physical	Method	Specification
Identification	HPTLC & HPLC	Meets standard
Trans-resveratrol (as-is)	USP	≥ 50.0 – 55.0%
Moisture	USP	≤ 5.0%
Emodin	USP	≤ 2.0%
Bulk density	USP	≥ 0.40 g/ml
Tapped density	USP	≥ 0.61 g/ml
Particle analysis		100% through 80 mesh
Total aflatoxins	HPLC/Flourescence	≤ 20 ppb (sum of B ₁ , B ₂ , G ₁ , G ₂)
Aflatoxin B ₁	HPLC/Flourescence	≤ 5 ppb
Arsenic	ICP-MS	≤ 0.5 ppm
Cadmium	ICP-MS	≤ 0.1 ppm
Mercury	ICP-MS	≤ 0.1 ppm
Lead	ICP-MS	≤ 0.2 ppm
Residual solvents	USP	Meets USP 467
Pesticide residue	USP	Meets USP 561
Total aerobic plate count	USP	≤ 10,000 CFU/g
Yeast and mold	USP	≤ 1,000 CFU/g
Total coliforms	FDA-BAM	≤ 100 CFU/g
Staphylococcus Aureus	FDA-BAM	≤ 10 CFU/g
Salmonella	USP	Negative
E. Coli	USP	Negative

Storage

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

Revision: 3/7/22