

Lotioncrafter

48 Hope Ln.
Eastsound, WA 98245
Tel: 360-376-8008

Specification Sheet

Resveratrol Pure

CAS No. 501-36-0

Property / Method (where noted)	Specification
Genus and Species	<i>Polygonum cuspidatum Sieb et Zucc.</i>
Part of the plant	Root
Marker Compounds	
Assay (Trans-resveratrol), HPLC	>99.0%
Emodin, HPLC	<0.07%
Organoleptic Data	
Appearance, MLS-QCS-1008	Fine Powder
Color, GB/T 5492-2008	Off-white to light yellow
Odor, GB/T 5492-2008	Characteristic
Taste, GB/T 5492-2008	Characteristic
Process Data	
Method of Processing	Extraction
Solvents Used	Ethanol & Water
Drying Method	Vacuum drying
Excipient	None
Ratio of Extraction	100:1
Physical Characteristics	
Melting Point, GB21781-2008T	153°C – 255°C
Solubility, Visual	Soluble in Alcohol
Particle Size Analysis, GB/T 5507-2008	D (10%) D (50%) D (90%) Surface area man diameter D [3.2] Volume mean diameter D [4.3] Size Range
Loss on drying GB/T 14769-1993	<1.0%
Ash Content	<1.0%
Solvent Residue, NLS-QCS-1007	Eur Pharm
Heavy Metals	
Total Heavy Metals, USP<231>, method II	<10ppm
Arsenic, AOAC 986.15, 18 th	<2.0ppm
Lead, AOAC 986.15, 18 th	<2.0ppm
Mercury, AOAC 971.21, 18 th	<0.5ppm

Pesticide Residue	
666	<0.2ppm
DDT	<0.2ppm
Microbiological Analysis	
Total Plate Count, AOAC 990.12, 18th	<1000cfu/g
Total Yeast & Mold, FDA (BAM) Chapter 18, 8 th Ed.	<100cfu/g
E. Coli, AOAC 997.11, 18th	Negative
Salmonella, FDA (BAM), Chapter 5, 8 th Ed.	Negative

Shelf Life & Storage: 2 years from the date of manufacture. Keep container tightly closed and store at room temperature.

Country of Origin: USA