

Certificate of Analysis

Product Name	Trans Resveratrol	Latin name	<i>Polygonum cuspidatum Sied.et Zucc.</i>
Batch No.	20211115	CAS No.	501-36-0
Quantity	500kg	Manufacture Date	Nov.15.2021
Reference	USP34	Expiry Date	Nov.14.2023

Item	Specification	Result
Trans Resveratrol	$\geq 98\%$	98.5%
Physical Control		
Appearance	Fine powder	Conform
Color	White to off white	Conform
Odor	Characteristic	Conform
Particle Size	100% through 80Mesh	Conform
Extraction Ratio	100: 1	Conform
Loss on Drying	$\leq 1.0\%$	0.45%
Chemical Control		
Total Heavy Metals	$\leq 10\text{ppm}$	Conform
Arsenic (As)	$\leq 2.0\text{ppm}$	Conform
Mercury(Hg)	$\leq 1.0\text{ppm}$	Conform
Cadmium(Cd)	$\leq 2.0\text{ppm}$	Conform
Lead (Pb)	$\leq 2.0\text{ppm}$	Conform
Solvent Residual	Meeting USP Standard	Conform
Pesticides Residues	Meeting USP Standard	Conform
Microbiological Control		
Total Plate Count	$\leq 10,000\text{cfu/g}$	Conform
Yeast, Mold & Fungi	$\leq 300\text{cfu/g}$	Conform
E.Coli	Negative	Conform
Staphylococcus	Negative	Negative
Salmonella	Negative	Conform
Packing and Storage		
Packing	Packed in food-grade plastic bag inside and aluminum-foil bag outside.25Kg/Drum	
Storage	Store in a well-closed container away from moisture and direct sunlight.	
Shelf Life	24 months if sealed and stored properly.	

Analyst: Dawei Yan

Approval: Yu Li

