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## Certificate Of Analysis

Product Name: Resveratrol

Botanical Source: Polygonum cuspidatum Sieb.

Batch No.: 202109030

Quantity: 200kgs

County of Origin: China

Used Part: Root

Extract Ratio: 200:1

MFG Date: Sept. 30, 2021

Expired Date: Sept. 29, 2023

ANALYSIS	SPECIFICATION	RESULT
<b>Physical and Chemical Control</b>		
Identification(TLC)	Positive	Complies
Assay(HPLC)	Trans-resveratrol>98%	98.21%
Appearance(Visual)	White fine powder	White fine powder
Odor(Organoleptic)	Characteristic	Complies
Taste(Organoleptic)	Characteristic	Complies
Loss on Drying(5g/105°C,2h)	<1%	0.25%
Sulphate Ash(525°C,3h)	<0.5%	0.09%
Heavy Metal(Colorimetry)	<20ppm	<20ppm
Pb(AFS)	<1ppm	<1ppm
As(AFS)	<1ppm	<1ppm
Cd(AFS)	<1ppm	<1ppm
Hg(AFS)	<0.5ppm	<0.5ppm
Tapped Density(USP616)	NLT 40.0g/100ml	40.9g/100ml
Loose Density(USP616)	NLT 20.0g/100ml	21.3g/100ml
Sieve analysis(80 Mesh Screen)	100% pass 80 mesh	100% pass 80 mesh
Pesticide Residues(GC)	Meet USP requirements	Complies
Residue of Solvents(GC)	Meet USP requirements	Complies
Solvents Used(GC)	Ethanol/Water/Ethyl Acetate	Complies
<b>Microbiological Control</b>		
Total Plate Count(CP2015)	1000CFU/g Max	Complies
Yeast & Mold(CP2015)	100CFU/g Max	Complies
Total Coliforms(CP2015)	10CFU/gM	Complies
E.Coli (CP2015)	Negative	Complies
Salmonella(CP2015)	Negative	Complies
Staphylococcus aureus(CP2015)	Negative	Complies
Annotations: This product is non-IR & non-ETO		
<b>Conclusion: Pass</b>		
<b>Packaging: 25kg/drum</b>		
<b>Storage: Store in tight containers in a cool and dry area</b>		
<b>Shelf life: 2years when properly stored</b>		

Director:



Checker:



Analyst:

