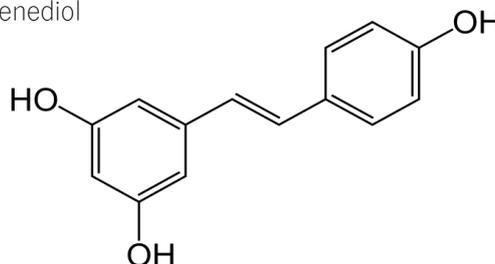


TECHNICAL DATA SHEET

Product name	: Resveratrol	Sources	: Giant Knotweed Extract
Synonyms	: Giant knotweed aglucone; trans-3,4,5-Trihydroxystilbene; 3,4',5'-Trihydroxy-trans-stilbene; 5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol		
CAS No.	: 501-36-0		
EINECS/ELINCS	: 610-504-8		
Molecular formula	: C ₁₄ H ₁₂ O ₃		
Molecular weight	: 228.25		



Description

Resveratrol is a kind of containing stilbene type structure of flavonoid, also known as the three phenol stilbene. It has the structure of cis and trans in nature, which exist widely in roots, stems, flowers, leaves, skin, and fruit of those plants like giant knotweed, grape, mulberry, blueberries, raspberries, cranberries etc.

Resveratrol could work as cancer chemoprevention agents, reduce platelet aggregation, help to prevent and treat atherosclerosis, disease of heart head blood-vessel chemoprophylaxis agent. This miracle herbal ingredient does not have a novel and unique mechanism for increasing lifespan in humans, although it does in some research animals like Drosophila. This is more of a 'adding life to years' action than an 'adding years to life' mechanism. Supplements vary in purity and can contain anywhere from 50% to 99% resveratrol. It has great medicinal value and market prospect.

Specifications

Purities	90%	98%
Color	Light yellow to white	
Form	Powder	
Loss on drying	≤ 5.0%	
Heavy metals	≤ 20ppm	
Lead	≤ 1ppm	
Cadmium	≤ 0.5ppm	
Arsenic	≤ 0.5ppm	
Mercury	≤ 0.5ppm	
Microbials		
Total Plate Count	NMT 1000 cfu/g	
Yeast and Mold	NMT 100 cfu/g	
Escherichia coli	Negative	
Salmonella	Negative	
Solubility (in vitro)	Soluble in ether, chloroform, methanol etc. and 3mg/100ml in	
Stability & Decomposition	When heated to decomposition it emits acrid smoke, irritating vapors.	
Density	1.4 ± 0.1 g/cm ³	
Flash Point	222.3 ± 14.7°C	
Melting Point	253-255°C	

Allergement Statements

	Absent	Present
Milk and products thereof	X	
Eggs and products thereof	X	
Fish and products thereof	X	
Crustaceans and products thereof	X	
Tree nuts	X	
Wheat and products thereof	X	
Peanuts and products thereof	X	
Soybeans and products thereof	X	

Applications

Prevention and treatment of acute and chronic hepatitis, anti-aging, liver support.

Status

Non GMO product.
 Not Irradiated product.
 Gluten Free product.
 Animal Origin Free product.

Packaging

1kg per foil bag, 25kg per fiber drum.

Shelf life and Storage

24months unopened stored in a cool and dry location.