

# Certificate of analysis

Product Name	Resveratrol	Batch No.	QY-BLLC20201024
Botanical Source	<i>Polygonum cuspidatum Sieb. et Zucc</i>	Manufacturing Date	2020-10-24
Plant Part	Roots	Expiration Date	2023-10-23

Item	Specification	Result	Method
<b>Assay</b>	Tran-Resveratrol 99%	99.07%	HPLC
<b>Physical &amp; Chemical Data</b>			
Appearance	Off White Fine Powder	Conforms	Organoleptic
Odor & Taste	Characteristic	Conforms	
<b>Analytical Quality</b>			
Identification		Identical	TLC
Sieve	NLT 95% Through 80 mesh	Conforms	Mesh Screen
Extract Solvent	Ethanol & Water	Conforms	
Loss on Drying	≤1.0%	0.11%	CP2015
Ash	≤1.0%	0.29%	CP2015
Bulk Density	0.30~0.70g/ml	Conforms	CP2015
DER	100:1	Conforms	
Benzo(a)pyrene	≤ 10 µg/kg	Conforms	
Sum PAH 4 Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene	≤ 50 µg/kg	Conforms	
<b>Pesticide Residue</b>			
BHC	≤0.2ppm	Conforms	GC-MASS
DDT	≤0.2ppm	Conforms	GC-MASS
PCNB	≤0.1ppm	Conforms	GC-MASS
<b>Total Heavy Metals</b>	≤10ppm	Conforms	Colorimetry
Arsenic(As)	≤2ppm	Conforms	AAS
Lead(Pb)	≤2ppm	Conforms	AAS
Mercury(Hg)	≤0.1ppm	Conforms	AAS
Cadmium(Cd)	≤1ppm	Conforms	AAS
<b>Microbiological Tests</b>			
Total Plate Count	≤10000cfu/g	Conforms	CP2015
Yeast & Mold	≤300cfu/g	Conforms	CP2015
E.coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Staphylococcus	Negative	Negative	CP2015
<b>Conclusion</b>	Conform with specification		

**Storage**  
**Shelf Life**  
**Package**  
**Tested by:**

Cool & dry place. Do not freeze. Keep away from strong light and heat.  
36 months under the conditions above and in its original packaging.  
In double sealed PP bags, 10/25kgs Drum.  
Mr. Chen Date: 2020-10-29