

Certificate of Analysis

Product Information

Product Name	Trans-resveratrol 98%	Report Number	TRL20210534
Botanical Name	Polygonum cuspidatum	Manufacture Date	2021.05.12
Used Part	Root	Analysis Date	2021.05.17
Batch Number	TRL210512	Report Date	2021.05.22
Batch Quantity	5000kg	Expiry Date	2024.05.11

Test items	Specifications	Result	Test Methods
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Active Ingredients

Trans-resveratrol	NLT98%	98.60%	HPLC
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Physical & Chemical Data

Appearance	White Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.20%	105°C/2 hrs
Total Ash	≤5.0 %	2.00%	GB 5009.4
Bulk Density	40~60 g/100mL	55.2 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	63.6 g/100mL	GB/T 18798.5

Contaminants

Lead (Pb)	<3.0mg/kg	Conforms	GB 5009.12
Arsenic (As)	<2.0mg/kg	Conforms	GB 5009.11
Cadmium (Cd)	<1.0mg/kg	Conforms	GB 5009.15
Mercury (Hg)	<0.1mg/kg	Conforms	GB 5009.17

Microbiological

Total Aerobic Count	≤ 1000cfu/g	120cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life:	3 years when properly stored.
Packing :	Packed in paper-drums and two plastic-bags inside.
Storage:	Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

