



CERTIFICATE OF ANALYSIS

Trans-Resveratrol 99% Trans-Resveratrol(HPLC)

Batch No.: CHZ-C-A336854 Manufacture Date: 20231020 Expiry Date: 20261019

General Information

Part Used	Root	Solvents Used	Water&Ethanol
Botanical Source	<i>Polygonum cuspidatum</i>	Country Of Origin	China

ITEMS SPECIFICATION METHOD TEST RESULTS

Physical&Chemical Data

Color	White to slightly yellow	Organoleptic	Conform
Odour	characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Trans-Resveratrol	≥99.0%	HPLC(on anhydrous basis)	99.49%
Sieve analysis	95 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤2.0 %	Eur.Ph. <2.8.17>	0.01%
Total Ash	≤1.0 %	Eur.Ph. <2.4.16>	0.15%
Bulk density	20-60g/100mL	Eur.Ph. <2.9.34>	38.00g/100ml

Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0602 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0026 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0547 mg/kg
BAP	≤10.0 µg/kg	(EU) 2015/1933	Conform
PAH4	≤50.0 µg/kg	(EU) 2015/1933	Conform
PAAs	≤400 µg/kg	JH/ZY-C-571.00	Conform
ETO	≤0.01mg/kg	JH/ZY-C-572.00	Conform
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform

Microbiological

Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	85 cfu/g
Yeast & Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	50 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform

General Status

Non-Irradiation	≤700	EN <13751:2002>	240
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Packing&Storage

Packed in paper-drums and two plastic-bags inside;
N.W:25kgs, I.D.35×H51cm;
Store in a well-closed container Away from moisture,light, oxygen.

Shelf life

36 months under the conditions above and in its original packaging.

Quality Assurance Officer

崔鹏

Corrector



Analyst

锋惠
印战

No: STP-QCP-1 (383)