



CERTIFICATE OF ANALYSIS

Pine Bark Extract 95% Proanthocyanidins(UV)

Batch No.: CSSP-C-A500341 Manufacture Date: 20250106 Expiry Date: 20280105

General Information

Part Used	Bark	Solvents Used	Water&Ethanol
Botanical Source	<i>Pinus pinaster</i>	Country Of Origin	China

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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Physical&Chemical Data

Color	Light Reddish-brown	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

Analytical Quality

Identification	Identical to <i>R.S.</i> sample	HPTLC	Identical
Proanthocyanidins	≥95.0%	UV	95.34%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	2.59 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	0.79 %

Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0954 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0636 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0952 mg/kg
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>	<10 cfu/g
Yeast & Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	80 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>	348
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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-<2> (215)