



CERTIFICATE OF ANALYSIS

Red Clover Extract 40% IsoFlavones(HPLC)

Batch No.: CHCZ-C-A508159 Manufacture Date: 20250404 Expiry Date: 20280403

General Information			
Part Used	Aerial	Solvents Used	Water&Ethanol
Botanical Source	<i>Trifolium Pratense L.</i>	Country Of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	Brown	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Isoflavones	≥40%	HPLC	40.74%
Sieve analysis	95 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	1.53 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	0.73 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	43 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	64 g/100mL
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	0.035 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	<0.01 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>	1200 cfu/g
Yeast & Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	70 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>	553
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> (226)