



CERTIFICATE OF ANALYSIS

Black Cohosh Extract 2.5% Triterpene Glycosides(HPLC)

Batch No.: CHSM-C-A500897 Manufacture Date: 20250309 Expiry Date: 20280308

General Information			
Part Used	Root	Solvents Used	Water&Ethanol
Botanical Source	<i>Actaea Racemosa L.</i>	Country Of Origin	USA
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	Yellow Brown	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Triterpene Glycosides	≥2.5%	HPLC	2.73%
Sieve analysis	95 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	2.96 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	0.11 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	58 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	72 g/100mL
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0678 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1361 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>	25 cfu/g
Yeast &Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	30 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>	415
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)