

The Quality Standards Of The Product

Valerian P.E. 0.8%%Valerenic acids(HPLC)

No: 602014700

Version: 02

Revision: 00

Used Part: Root

Solvents Used: Water & Ethanol

 Botanical Source: *Valeriana officinalis*

Country Of Origin: China

ANALYSIS ITEM	SPECIFICATION	METHOD	
Assay:			
Valerianic acids	≥0.8%	HPLC	
Appearance	Fine Powder	Organoleptic	
Color	Dark brown	Organoleptic	
Odor & taste	Characteristic	Organoleptic	
Identification	Identical to R.S. sample	HPTLC	
Loss on Drying	≤5.0%	Eur.Ph. <2.8.17>	
Total ash	≤10.0%	Eur.Ph. <2.4.16>	
Sieve analysis	100% through 80 mesh	Eur.Ph. <2.9.12>	
Bulk density	40~60g/100mL	Eur.Ph. <2.9.34>	
Heavy metals:			
Lead(Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Arsenic(As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Cadmium(Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Mercury(Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Residual solvents	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	
Residual pesticides	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	
Non irradiated	≤700	EN <13751:2002>	
Microbiology	Irradiation	Non irradiated	
Total Plate Count	≤1000cfu/g	≤10000cfu/g	Eur.Ph. <2.6.12>
Yeast & Mold	≤100cfu/g	≤1000cfu/g	Eur.Ph. <2.6.12>
E.Coli	Negative	Negative	Eur.Ph. <2.6.13>
Salmonella	Negative	Negative	Eur.Ph. <2.6.13>
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.		
Manufacturer:	Shaanxi Jiahe Phytochem Co., Ltd. Xi'an, P.R. China.		