

Certificate of Analysis

Manufacturing data

Product	Epimedium P.E.	Used part	Leaf (100% Natural)
Latin Name	<i>Epimedium brevicornum Maxim.</i>	Manufacturing Date	2018-11-16
Batch No.	SXYL-20181116	Date of Certificate	2018-11-23
Butch	1200kg	Extract Solvent	Alcohol / Water

Quality data

Items	Standardization	Results
Content of Icariin	Icariin 10% min.	10.09%
Test Method	HPLC	Conforms
Organoleptic		
Appearance	Yellowish-Brown Powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Partical Size	100%Through 80 Mesh	Conforms
Residue on Ignition	≤5.0% (2g / 525°C / 3hrs)	3.02%
Loss on Drying	≤5.0% (5g / 105°C / 2hrs)	3.27%
Bulk Density	40-60g/100ml	58g/100ml
Heavy Metals	≤10ppm	Conforms
Arsenic(As)	≤2mg/kg	0
Lead(Pb)	≤3mg/kg	0.20
Cadmium(Cd)	≤1mg/kg	0.30
Mercury(Hg)	≤0.1mg/kg	0.003
BHC	Negative	Conforms
DDT	Negative	Conforms
Microbiological Tests		
Total aerobic count	Not more than 1000cfu/gram	Conforms
Yeast & Mold	Not more than 100cfu/gram	Conforms
E.Coli.	Negative	Negative
Salmonelia	Negative	Negative

Addition data

Storage	Store in a cool dry place, avoiding sunlight directly
Shelf Life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum

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