

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Hydroxy ecdysterone	Date Test: Jan.29,2019	Mfg Date: Jan.28,2019	
Botanical Name: <i>Cyanotis arachnoidea</i> C.B.Clarke	Plant part: Whole herb	Exp. date: Jan.27,2021	
Batch No.: 19012801	Weight: 250 kg	Origin: China	
Items	SPECIFICATIONS	Results	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	Pale yellowish-pink	Qualified	Organoleptic
Odor	Characteristic	Qualified	Organoleptic
Mesh	80	98% pass 80 mesh	--
Extraction solvent	Ethanol & Water	Qualified	--
Loss on drying	≤5.0%	3.84%	CP2010
Ash	≤1.0%	0.17%	CP2010
Identification:		Positive(+)	By HPLC/TLC
Assay			
Hydroxy Ecdysterone Content(amount of β-Ecdysone[C ₂₇ H ₄₄ O ₇])	≥90.0%(On dry basis)	92.03%%	HPLC
Heavy Metals	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	CP2010
As	≤1ppm	Qualified	CP2010
Hg	≤0.1ppm	Qualified	CP2010
Cd	≤0.5ppm	Qualified	CP2010
Microbiological			
Total Plate Count	1000cfu/g Max	<100cfu/g	CP2010
Yeast& Mold	100cfu/g Max	<50cfu/g	CP2010
E.Coli colonies/g	Negative(-)	Negative	CP2010
Samonella colonies/g	Negative(-)	Negative	CP2010
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--
Conclusion: Confirm to CP2010			
Packing: Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm			
Storage: Cool& dry place. Do not freeze. Keep away from strong light and heat			
Shelf life: 2 Years under the conditions above and in its original packaging.			

QC MANAGER: Jianyuan Cai



APPROVER: Huiqing Jiao



ANALYST: Nanping Xiao

