

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: White willow bark extract	Date Test: Nov.13,2018	Mfg Date: Nov.12,2018	
Botanical Name: <i>Salix babylonical.</i>	Plant part: Dried Bark	Exp. date: Nov.11,2020	
Batch No.: 18111201	Weight: 500 kg	Origin: China	
Items	SPECIFICATIONS	Results	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	Yellow-brown	Qualified	Organoleptic
Odor	Characteristic	Qualified	Organoleptic
Mesh	80	100% pass 80 mesh	--
Solubility	Soluble in hot water	Qualified	In-House
Loss on drying	≤5.0%	3.29%	5g/100°C/2.5hrs
Identification:		Positive(+)	By HPLC/TLC
Assay(On dry basis)	Salicin ≥25.0%	25.07%	HPLC
Heavy Metals	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	CP2010
As	≤2ppm	Qualified	CP2010
Hg	≤0.1ppm	Qualified	CP2010
Cd	≤1.0ppm	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: Manping Xiao

