



Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

<b>Product Name:</b>	Epimedium Extract
<b>Botanical Name:</b>	Epimedium brevicornum Maxim
<b>Description:</b>	Light Yellow fine powder with characteristic odor.
<b>Identification:</b>	Passes all criteria tests
<b>Batch No</b>	231210GS
<b>Batch quantity</b>	450Kg
<b>Analysis Date:</b>	Dec.12.2023

ITEM	SPECIFICATION	RESULT	TEST METHOD
<b>Assay :</b>			
Icariin	Icariin $\geq$ 98%	98.25%	HPLC
Particle Size	100% pass 80 mesh	Complies	CP2015
Loss on drying	$\leq$ 5.00%	0.72%	GB5009.3
Ash	$\leq$ 5.00%	081%	CP2015
Bulk density	40-60g/100ml	51g/100ml	CP2015
Tap density	60-90g/100ml	66g/100ml	CP2015
<b>Chemical :</b>			
Solvent residual	Meet Eur.ph.7.0 <5.4>	Complies	Eur.Ph 7.0<2.4.24>
Pesticides Residue	Meet USP Requirements	Complies	USP34 <561>
Heavy metals	<10ppm	Complies	CP2015
Arsenic (As)	<1.0ppm	Complies	GB 5009.11-2003
Lead(Pb)	<1.0ppm	Complies	GB 5009.12-2003
Cadmium(Cd)	<1.0 ppm	Complies	GB 5009.15-2014
Mercury(Hg)	<0.3 ppm	Complies	GB 5009.17-2010
<b>Microbial :</b>			
Total microbacterial count	$\leq$ NMT1,000cfu/g	100cfu/g	GB 4789.2
Total Yeast & Mold	$\leq$ NMT100cfu/g	10cfu/g	GB 4789.15
Salmonella	Negative	Complies	GB 4789.3
E.Coli	Negative	Complies	GB 4789.4

**Storage** Cool & dry place, Do not freeze. Keep away from strong light and heat.  
**Shelf** 2 year when properly stored.

Approved by  
(Quality Assurance)

