



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: **Horny Goat Extract Powder >10% *Icariin***
 Botanical Name: **Epimedium Saggittatum**
 Origin: **China**
 Part Used: **Herb**

ANALYSIS

SPECIFICATION

RESULT

TEST

Description	Powder	Powder	Visual
Identification	Positive	Conform	TLC
Color	Yellowish Brown	Yellowish Brown	Visual
Taste	Characteristic	Bitter	Organoleptic
Odor	Characteristic	Characteristic	Organoleptic
Moisture	NMT 5.0%	5.0%	AOAC
Heavy Metals	NMT 15ppm	<10ppm	ICP-MS
(Pb)	<3ppm	<1ppm	
(As)	<3ppm	<1ppm	
Method of Extraction	Hydro-alcoholic		
Mesh Size	100% through USS 60 mesh		

Phytochemicals

Icariin	> 10%	>10.10% Icariin	HPLC
Extract Ratio	30:1	(Parts of Botanical: Parts of native	
extract)			

Microbiological Counts

Total Plate Count	<40,000cfu/g	<10,000cfu/g	
Yeast & Mold	<1,000cfu/g	100/100cfu/g	
Coliforms	<100cfu/g	<10cfu/g	AOAC 991.14
E. coli	≤10cfu/g	≤10cfu/g	AOAC 991.14
Salmonella	Negative	Negative	FDA BAM 8 th
Pesticides & Herbicides	Negative	Negative	FDA BAM 8 th

Storage:

Store in a tightly, sealed container in a cool and dry area.
 Keep away from strong light and heat.
 This product is Non-GMO.
 This product is not treated with ETO, nor is it Gamma irradiated.