



长沙市惠瑞生物科技有限公司  
CHANGSHA HUIR BIOLOGICAL-TECH CO.,LTD

## Certificate of Analysis

Product Name:	<b>Tribulus Terrestris extract</b>	Latin Name:	<i>Tribulus terrestris L.</i>
Part used:	<b>Fruit</b>	Extract Solvent:	<b>Ethanol &amp; Water</b>
Country of Origin:	<b>China</b>	Extract Ratio:	/
Batch Number:	<b>188-24111101</b>	Manufacture Date:	<b>Nov 11, 2024</b>
Representative Qty.:	<b>500kg</b>	Expiry Date:	<b>Nov 10, 2027</b>

ITEM		SPECIFICATION	RESULT	STANDARD REFERENCED
<b>Physical</b>	Appearance	Brown to brownish yellow powder	Complies	Visual
	Odor	Characteristic	Complies	Sensory
	Taste	Characteristic	Complies	Sensory
	Loss on drying	≤8.0%	3.49%	2g/105°C/5hrs
	Ash Content	≤8.0%	0.34%	2g/800°C/5hrs
	Particle size	90% pass 80 mesh	Complies	Sieve
<b>Chemical</b>	Heavy metals	≤10ppm	Complies	Colorimetric method
	Arsenic (As)	≤2ppm	Complies	AFS
	Lead (Pb)	≤2ppm	Complies	AFS
	Mercury (Hg)	≤0.1ppm	Complies	AFS
	Cadmium (Cd)	≤1ppm	Complies	AFS
<b>Assay</b>	Total Saponins	≥45.0%	48.81%	UV
<b>Microbia I</b>	Total Plate Count	≤10000CFU/g	Complies	GB 4789.2
	Yeast	≤1000CFU/g	Complies	GB 4789.15
	Mould	≤1000CFU/g	Complies	GB 4789.15
	Coliforms	≤0.92MPN/g	Negative	GB 4789.3 MPN counting method
	Salmonella	Negative	Negative	GB 4789.4
<b>Else</b>	Packing	Pack in paper-drums and two food grade poly bags inside. Net weight: 25kg/drum		
	Storage condition	Seal and store in a cool and dry place, avoiding direct sunlight		
	Shelf life	Three years when properly stored		

Tested by: 

