



# CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Horsetail Extract	<b>Manufacture Date</b>	2026/03/26
<b>Botanical Latin Name</b>	<i>Equisetum arvense L.</i>	<b>Expire Date</b>	2028/03/25
<b>Plant Part</b>	Whole herb	<b>Issue Date</b>	2026/03/29
<b>Extract Solvent</b>	Ethanol& Water	<b>Batch Number</b>	20260326
<b>Carrier</b>	Maltodextrin	<b>Batch Quantity</b>	300kg

Item	Specification	Result	Test Method
<b>Physical&amp;Chemical Control</b>			
Appearance	Brown yellow fine powder	Conforms	Visual
Odor&Taste	Characteristic	Conforms	Organoleptic
Assay	Silica $\geq 7\%$	7.25%	UV
Particle Size	98% pass 80 mesh	Conforms	80 Mesh Screen
Identification	Positive	Conforms	TLC
Loss on Drying	$\leq 5.0\%$	2.88%	CP2015
Residue on Ignition	$\leq 5.0\%$	2.23%	CP2015
Bulk Density	0.4-0.6g/ml	Conforms	CP2015
<b>Heavy Metals</b>			
Heavy Metals	NMT10ppm	<10ppm	Atomic Absorption
Lead(Pb)	NMT3ppm	<3ppm	Atomic Absorption
Arsenic (As)	NMT2ppm	<2ppm	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	<0.1ppm	Atomic Absorption
Cadmium(Cd)	NMT1ppm	<1ppm	Atomic Absorption
<b>Microbiology Control</b>			
Total Plate Count	NMT1,000cfu/g	Conforms	CP2015
Total Yeast & Mold	NMT100cfu/g	Conforms	CP2015
E.coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Staphylococcus	Negative	Conforms	CP2015
<b>General Status</b>	Non-GMO,Allergen Free,Non-Irradiation.		
<b>Packaging&amp;Storage</b>	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.		
<b>Conclusion</b>	Qualified		