

CERTIFICATE OF ANALYSIS

Product & batch Information			
Product name:	Horsetail P. E. 4:1	Country of Origin:	P. R. China
Botanic Name:	Equisetum arvense	Type of extraction:	Grain alcohol
Plant Part:	Aerial Part (Dried, 100% Natural)	Active ingredient:	Silica
Exact Ratio:	About 4 parts to 1 Extract	Analysis	300Kgs/12 drums
Analysis Item	Specification	Result	Test Method
Active Ingredients			
Assay	4:1	Conforms	
Physical control			
Identification	Positive	Conforms	TLC
Appearance	Fine Powder	Complies	Visual
Colour	Dark Yellow	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Sieve Analysis	100% pass 80 mesh	Complies	80 Mesh Screen
Loss on Drying	5% Max	3.25%	5g/105C/5hrs
Solubility	Soluble in water and alcohol	Conforms	Visual
Ash	5% Max	3.75%	2g/525C/5hrs
Chemical Control			
Sulphate	0.5% Max	Complies	2g/525C/5hrs
Insolubles in Ethanol	10ppm Max	4.2ppm	\
Ethanol Residues	0.2% Max	Complies	\
Arsenic (As)	NMT 2ppm	Conforms	Atomic Absorption
Cadmium (Cd)	NMT 1ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 2ppm	Conforms	Atomic Absorption
Chlorate (Cl)	NMT 1ppm	Conforms	Atomic Absorption
Phosphate Organics	NMT 1ppm	Conforms	Gas Chromatography
Heavy Metals	20ppm Max	Complies	Atomic Absorption
Pesticides Residues	NMT 1ppm	Conforms	Gas Chromatography
Microbiological Control			
Total Plate Count	1000cfu/g Max	10cfu/g	\
P.aeruginosa	Absent	O.K.	\
S. aureus	Absent	O.K.	\
Salmonella	Absent	O.K.	\
Yeast & mold	50cfu/g Max	10cfu/g	\
E. Coli	Negative	Negative	\
Staphylococcus	Negative	Conforms	\
Alfatoxins	NMT 0.2ppb	Absent	HPLC
Salmonella	Negative	Negative	\
Packing & Storage			
Packing	Pack in paper-drums and two plastic bags inside		

Disclaimer

The information contained in this Certificate of Analysis is obtained from current and reliable sources. Nature Shop Pty Ltd provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this

information must exercise their independent judgement in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Nature Shop Pty Ltd. , no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. Nature Shop Pty Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by Nature Shop Pty Ltd as to the fitness for any use. The liability of Nature Shop Pty Ltd is limited to the value of the goods and does not include any consequential loss. Nature Shop Pty Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Nature Shop Pty Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all the laws and regulations applying to the use of the products, including intellectual property rights of third parties.