

Certificate of Analysis

Name:	Haferstroh / Oat Straw Extract	
Latin name:	<i>Avena sativa L.</i>	Plant used: Straw(Stem+Leaf)
	Origin:	China

Item	Specification	Result
Appearance	brown yellow fine powder	complies
Odor & Taste	characteristic	complies
Sieve analysis	100% pass 60 mesh	complies
Extract ratio	10:1	10:1
Extract solvent	Water & Ethanol	complies
Loss on drying	≤ 10.0%	4.52%
Ash	≤ 10.0%	9.62%
Bulk density	40-60g/100ml	60g/100ml
Tap density	60-90g/100ml	90g/100ml
Heavy metal	< 20 ppm	complies
Arsenic (As)	< 2 ppm	0.8664 ppm
Lead (Pb)	< 3.0 ppm	0.2647 ppm
Cadmium (Cd)	< 1.0 ppm	0.0126 ppm
Mercury (Hg)	< 0.1 ppm	< 0.01 ppm
GMO	none	none
Irradiation (PPSL)	non-irradiated (< 700)	280
Microbiology		
Total plate count	< 10000 cfu / g	210 cfu / g
Yeast & Mold	< 1000 cfu / g	40 cfu / g
E. coli	negative / g	complies
Salmonella	negative / 25 g	complies
Staphylococcus	negative / 25 g	complies

Storage: cool in dry area

Shelf-life: three years when stored properly
