

## Certificate of Analysis

Product Name	Organic wheat grass powder	Batch Number	YG-20201214
Botanical Name	Triticum aestivum L.	Manufacture Date	20201214
Plant Part Used	Leaf	Analysis Date	20201214
Quantity	300Kg	Expiry Date	20221213
Country of Origin	China	Sterilization Method	High temperature sterilization

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
<b>Physical &amp; Chemical</b>			
Appearance	Green Powder	Complies	Visual
Particle Size	90% pass 200 mesh	95%pass mesh	CP2010
Loss on drying	12%NMT (%)	4.62%	5g/105C/5hrs
Total ash	8%NMT (%)	2.13%	5g/105C/5hrs
Bulk Density	20-45g/100mL	34g/100mL	CP2010IA
Pesticide Residues	Meet USP Requirement	Conform	Gas Chromatography
<b>Heavy Metals</b>			
Heavy Metals	20ppm Max	Conform	Atomic Absorption
Lead (Pb)	2ppm NMT	0.27ppm	Atomic Absorption
Arsenic (As)	2ppm NMT	0.117ppm	Atomic Absorption
Cadmium (Cd)	2ppm NMT	0.035ppm	Atomic Absorption
Mercury (Hg)	1ppm NMT	0.007ppm	Atomic Absorption
<b>Microbiological Test</b>			
Total Plate Count	100000cfu/g Max	4800cfu/g Max	AOAC
Yeast & Mold	10000cfu/g Max	200cfu/g	AOAC
E. Coli.	Negative	Conform	AOAC
Salmonella	Negative	Conform	AOAC
Staphylococcus	Negative	Conform	AOAC
Storage	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.		
Shelf Life	24months if store under the conditions above and stay in original packaging.		