



Organic Wheat Grass Powder

Technical Specification

DESCRIPTION:	Wheat Grass Powder is manufactured from the whole leaf of young, freshly harvested Certified Organic Wheat Leaf which has been cut, dried, sorted and milled. This is a natural product, containing no additives or variations 100% Whole Wheat Leaf
INGREDIENTS:	Food grade material for use as an ingredient in manufactured foods or for direct human consumption
INTENDED USE:	
CERTIFICATION:	Certified Organic by NASAA
ORIGIN:	China
GMO STATUS:	GMO Free
DRYING METHOD:	Continuous-flow hot air drying
STERILIZATION:	HTST technology, the sterilization equipment is from Japan
SEASON:	September -November, March - May



PHYSICAL & CHEMICAL Items	Specification
Particle Size:	Coarse Grade: average 100 mesh Fine Grade : average 200 mesh
Appearance:	Free flowing powder
Colour:	Rich Green
Flavour&Aroma:	Typical of Wheat Leaf.
Foreign Mateirals:	None
Ash:	< 8.0%
Moisture:	6% Maximum
Bulk Density:	0.2g~0.25 / ml

HEAVY METALS	Items	Specification
	Lead(Pb)	≤1.0 ppm
	Arsenic(As)	≤0.5 ppm
	Mercury(Hg)	≤0.05 ppm
	Cadmium(Cd)	≤0.2 ppm



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MICROBIOLOGY:

Items	Specification
Total Plate Count	≤10000 cfu/g
Moulds	≤200 cfu/g
Yeasts	≤200 cfu/g
E.coli	≤10 cfu/g
Salmonella	Negative/10g
Staphylococcus	Negative/10g
Aflatoxin	< 20 ppb

DIETARY CLAIMS:

Items	Specification
JAS	YES
NOP	YES
EU Organic	YES
FSSC22000	YES
Kosher Compliant	YES
Genetically Modified	NO
GM Additives	NO

ALLERGENS:

Tests Gluten Free at <5ppm.

SHELF LIFE:

36 months from date of manufacture

STORAGE:

Store in cool, dry, clean and pest free area away from strong odours and light

ADDITIONAL TESTS:

Metal Detection	Standard
Pesticides Residue	Standard

PACKAGING:

Items	Specification
Aluminum Foil bag	10kg/bag
Carton	20kg/carton
20 FCL with Pallets	7200kg
40 FCL with Pallets	14400kg



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NUTRITION LIST

★ SU0JX	Sodium (ICP-MS) Method: BS EN ISO 17294-2 2016 mod.			
	Sodium (Na)	158	mg/100 g	0.3
	Sodium Chloride	4019	mg/kg	
		Results	Unit	LOQ LOD
★ SU20L	Protein Method: AOAC 984.13 1994			
	Protein	22.4	g/100 g	0.1
	Protein Factor	6.25		
★ SU20Q	Dietary fiber Method: AOAC 991.43 1994			
	Dietary fiber	50.9	g/100 g	0.5
★ SU20U	Total fat Method: AOAC 963.15 1973			
	Total fat	2.76	g/100 g	0.1
★ SU20Y	Moisture (Direct drying method) Method: AOAC 935.29 1935			
	Moisture	3.09	g/100 g	0.1
★ SU21L	Sugar Profile Method: AOAC 995.13 1995			
	Fructose	1.64	g/100 g	0.1
	Galactose	<0.1	g/100 g	0.1
	Glucose	1.50	g/100 g	0.1
	Lactose	<0.1	g/100 g	0.1
	Maltose	<0.1	g/100 g	0.1
	Sucrose	1.82	g/100 g	0.1
	Monosaccharides and Disaccharides	4.96	g/100 g	0.1
★ SU21V	Fatty acid profile Method: ISO 12966-4:2015; ISO 12966-2:2017			
	mono-unsaturated fatty acids total	0.11	g/100 g	0.1
	poly-unsaturated fatty acids total	1.25	g/100 g	0.1
	saturated fatty acids total	0.38	g/100 g	0.1
	total of trans fatty acids	<0.1	g/100 g	0.1
★ SU227	Ash Method: AOAC 923.03 1923			
	Ash	10.9	g/100 g	0.01
★ SU702	Energy(EU) Method: REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011, Article31, page 35.			
	Energy kcal (calculated)	256	kcal/100 g	
	Energy kJ (calculated)	1059	kJ/100 g	
★ SU703	Carbohydrates Method: REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011, Article31, page 35.			
	Carbohydrates (available)	10.0	g/100 g	0.1