

Certificate of Analysis

Product name:	Organic Matcha Powder 200		
Product code:	02MCH200		
Botanical source:	<i>Camellia sinensis</i>		
Preparation type:	Dry, submicron mill		
Batch number:	02MCH200-221108		
Manufacturing date:	Nov 08, 2022		
Best before date:	Nov 07, 2024	Used plant part:	Leaf, fresh
Country of origin:	China	Excipient/Carrier:	None
Quantity:	960KG		
Consignment or Numerical link:	BL#GSF221109481FE Container#YMLU5434533		

Items	Specification	Test method	Result
Organoleptic:	Fine bright green powder with characteristic fresh tea leaf note taste and odour	Organoleptic evaluation	Conforms
Identification:	Positive by TLC	TLC	Conforms
Particle size:	>95% through 200 mesh, >50% through 1000 mesh	Sieve analysis	Conforms
Loss on drying:	<8%	3 hours @105°C	3.16%
Polyphenols:	>10.0%	UV	13.10%
Catechins:	Reported	HPLC	3.79%
Caffeine:	Reported	HPLC	2.17%
L-Theanine:	Reported	HPLC	0.92%
Arsenic (As):	<2ppm	ICP-MS	0.068ppm
Lead (Pb):	<3ppm	ICP-MS	0.48ppm
Cadmium (Cd):	<1ppm	ICP-MS	0.030ppm
Mercury (Hg):	<0.1ppm	ICP-MS	0.0085ppm
Pesticides residue:	Complies USDA NOP Limits	GC-MS	Conforms
Total plate count:	<10,000cfu/g	As per WHO/PHARMA/92.559 Rev.1, Pg 49	120cfu/g
Yeast & Mold:	<300cfu/g		<10cfu/g
Enterobacteriaceae:	<10cfu/g		<10cfu/g
E.Coli:	Absent/g		Absent/g
Salmonella:	Absent/10g		Absent/10g
S. aureus:	Absent/10g		Absent/10g

Storage:	Store in a cool dry place, avoiding sunlight directly
Package:	20kg/food grade PP bag + craft bag.

Unless otherwise stated any pharmacopoeia referred to is the current edition.

Quality control manager:

Report date: Nov 23, 2022