

Product Name	Matcha Powder		
Botanical Source	Camellia Sinensis	Part Used	Green Tea Leaf
Excipient	None	Country of Origin	China
Product Description	Green tea leaf(Camellia Sinensis), milled into bright green fine powder		

Item	Requirements	Results	Test Method
Appearance	Green medium fine powder	Conforms	Organoleptic Evaluation
Aroma and Flavour	With fresh tea leaf note taste and sea weed odour	Conforms	Organoleptic Evaluation
Liquor Colour	Bright Green	Conforms	Organoleptic Evaluation
Identification	Positive byTLC	Conforms	TLC
Particle size	MT95% through 200 mesh MT60% through 1000 mesh	Conforms	Sieve Analysisi
Bulk Density, g/L	Free Flow: 250-350g/L	305	GB/T18798.5-2013
Loss on drying, %	LT 6.0%	5.18%	3 hours@105℃
Ash/Residue on Ignition, %	LT 8.0%	5.9%	GB 5009.3-2016
Polyphenols, %	MT 8.0%	13.5%	GB/T8313-2018
Catechins	Reported	9.82%	GB/T8313-2018
L-theanine	Reported	1.42%	HPLC
Caffeine, %	MT2	4.3%	GB/T8313-2018
Lead(Pb)	LT3ppm	0.683ppm	GB5009.12-2017(AAS)
Arsenic (As)	LT2ppm	0.214ppm	GB5009.11-2014(AFS)
Mercury(Hg)	LT0.1ppm	0ppm	GB5009.17-2014(AFS)
Cadmium(Cd)	LT1ppm	0.049ppm	GB5009.15-2014(AAS)
Total Plate Count	LT10,000 cfu/g	LT5000 cfu/g	ISO 4833-1-2013
Moulds and Yeasts	LT300 cfu/g	50 cfu/g	GB4789.15-2016
Enterobacteriaceae	LT10 cfu/g	LT10 cfu/g	GB4789.3-2016
E.coli	Absent/g	Absent/g	ISO 16649-2-2001
Salmonella	Absent/10g	Absent/10g	GB4789.4-2016
Staphylococcus aureus	Absent/10g	Absent/10g	GB4789.10-2016
Conclusion	Conform with the specification		
Packaging&Storage	Packed in paper-drums and two plastic-bags inside, 25KGs/drum. Keep in cool & dry place. Stay away from strong light and heat.		
Shelf Life	Two years if sealed and stored away from strong sun light and heat.		