

CERTIFICATE OF ANALYSIS

Matcha pure powder, 80mesh

Batch Number: 070022230810

Manufacture Date: Aug 10, 2023

Best Used Before: Aug 09, 2025

General Information

Part used	Leaves	Solvents used	Water and ethanol
Latin Name	<i>Camellia sinensis</i> O Ktunze	Country of origin	China
Carrier	None		

Items	Specification	Methods	Results
Physical & chemical			
Color	Green	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine powder	Organoleptic	Conform

Analytical quality

Identification	Identical to R.S. sample	HPTLC	Identical
Sieve analysis	90% through 80 mesh	Eur.Ph.<2.9.12>	Conform
Loss on drying	≤5.0%	Eur.Ph.<2.8.17>	4.24%
Total ash	≤10.0%	Eur.Ph.<2.4.16>	6.90%
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>	Conform
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>	Conform

Contaminants

Lead (Pb)	≤3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.5470mg/kg
Arsenic (As)	≤2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.0900mg/kg
Cadmium (Cd)	≤1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	<0.1mg/kg
Mercury (Hg)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS	0mg/kg
Solvents residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.4.24>	Conform
Pesticides residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.8.13>	Conform
Sum PAHs 4*	≤50ppb	GC-MS/MS	≤50ppb
Benzo(a)pyrene	≤10ppb	GC-MS/MS	≤10ppb
ETO	≤0.01mg/kg	GC-MS/MS	Conform
Non-Irradiation	≤700	EN13751:2002<PSL>	Conform

Microbiological

Total plate count	≤1,000cfu/g	Eur.Ph. <2.6.12>	Conform
Yeast & mold	≤100cfu/g	Eur.Ph. <2.6.12>	Conform
E. Coli.	Negative in 10grams	Eur.Ph. <2.6.13>	Negative
Salmonella	Negative in 25grams	Eur.Ph. <2.6.13>	Negative

Conclusion: Qualified.

* Sum PAHs 4 (Benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene)

Net weight: 12.5kgs/carton

Gross weight: 13.5Kgs±0.5kg/carton

24 months under 30°C in a well-closed container and away from moisture, light, oxygen.

Packed in paper drum or carton with two plastic bags inside.