

CERTIFICATE OF ANALYSIS

Matcha pure powder

Batch Number:070022220216

Manufacture Date:Feb 16, 2022

Best Used Before:Feb 15, 2024

General Information

| | | | |
|------------------|-----------------------------------|-------------------|-------------------|
| Part used | Leaves | Solvents used | Water and ethanol |
| Botanical source | <i>Camellia sinensis</i> O Ktunze | Country of origin | China |

| 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 | ≤6.0% | Eur.Ph.<2.8.17> | 4.07% |
| Total ash | ≤10.0% | Eur.Ph.<2.4.16> | 5.22% |
| 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 | 0.615mg/kg |
| Arsenic (As) | ≤2.0mg/kg | Eur.Ph.<2.2.58>ICP-MS | 0.145mg/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 | <0.1mg/kg |
| Solvents residue | Meet Eur.Ph. <2.4.24> | Eur.Ph.<2.4.24> | Conform |
| Pesticides residue | Meet Eur.Ph. <2.8.13> | Eur.Ph. <2.8.13> | Conform |

Microbiological

| | | | |
|-------------------|---------------------|------------------|------------|
| Total plate count | ≤1000cfu/g | Eur.Ph. <2.6.12> | <1000cfu/g |
| Yeast & mold | ≤100cfu/g | Eur.Ph. <2.6.12> | <100cfu/g |
| E. Coli. | Negative in 10grams | Eur.Ph. <2.6.13> | Negative |
| Salmonella | Negative in 25grams | Eur.Ph. <2.6.13> | Negative |

General Status

| | | | |
|-----------------|------|-------------------|---------|
| Non-Irradiation | ≤700 | EN13751:2002<PSL> | Conform |
|-----------------|------|-------------------|---------|

Conclusion: Qualified.

Packed in paper-drums or carton with two plastic-bags inside.

Net weight: 12.5kgs/Carton; Gross weight: 13.5Kgs±0.5kg

Packing size:Carton 56cm×33cm×21cm

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