



PRODUCT SPECIFICATION SHEET

Green Tea Extract Powder

Product Overview

Green Tea Extract Powder is a premium-quality botanical extract derived from the leaves of *Camellia sinensis* (L.) Kuntze. Standardized for its catechin and EGCG (Epigallocatechin Gallate) content, it is widely used in nutraceutical, pharmaceutical, functional food, beverage, and cosmetic formulations for its powerful antioxidant properties.

Product Specifications

Parameter	Specification
Product Name	Green Tea Extract Powder
Botanical Name	<i>Camellia sinensis</i> (L.) Kuntze
Common Name	Green Tea Extract
Plant Part Used	Leaf
Country of Origin	India
Appearance	Light green to brown fine powder
Active Marker	Tea Polyphenols / EGCG
Assay	≥50% Tea Polyphenols, ≥30% EGCG (HPLC) (Higher grades available upon request)
Extraction Ratio	10:1 (or as per customer requirement)
Moisture	≤5.0%
Particle Size	95% through 80 mesh
Total Plate Count	≤10,000 CFU/g
Yeast & Mold	≤100 CFU/g
E. coli	Absent
Salmonella	Absent in 25 g
Lead (Pb)	≤2 ppm



	≤1 ppm
Arsenic (As)	
Cadmium (Cd)	≤1 ppm
Mercury (Hg)	≤0.1 ppm
Shelf Life	24 Months
Storage	Store in a cool, dry place away from direct sunlight
HS Code	1302.19*

Origin

- **Country of Origin:** India
- **Botanical Source:** *Camellia sinensis* (L.) Kuntze
- Produced from carefully selected premium-quality green tea leaves.
- Processed using advanced extraction technology in GMP-compliant manufacturing facilities.

Key Benefits

- Rich in natural antioxidants
- Supports healthy metabolism
- Helps protect cells from oxidative stress
- Supports cardiovascular wellness
- Promotes overall health and vitality
- Supports healthy weight management as part of a balanced diet and active lifestyle

Applications

- Nutraceuticals & Dietary Supplements
- Herbal Capsules & Tablets
- Functional Foods
- Health Beverages
- Instant Tea Mixes
- Sports Nutrition
- Cosmetic & Personal Care Products
- Pharmaceutical Preparations

Packaging

- 1 kg Aluminum Foil Bag
- 5 kg Aluminum Foil Bag
- **25 kg Fiber Drum with Double Food-Grade Poly Liner**
- Customized Export Packaging Available