



GATANGA INDUSTRIES LTD
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TECHNICAL DATA SHEET

Product Name: Oolong Tea Lu

INCI Name: Camellia Sinensis

DEAS 28: 2024

Synonyms: oolong Lu, oolong rolled and oolong ball shaped.

Product Quality: Gatanga oolong teas is single-origin and produced with sustainable, ethical practices. The oolong tea is organic and when infused 3gms is used to make 4cups since the infusion can be reused about four times while retaining all the favors and benefits.

Origin of Raw Material: China

Description: oolong tea is obtained from the green bush leaves of the 2leaves + bud of plant Camellia sinensis. The tree usually grows to a height of 2-5 meters, but can be shorter in cases where it is cultivated for tea production. The plant has glossy green leaves with serrated edges, 4-15 cm in length. It produces small, white flowers with a sweet scent, which yield fruits containing seeds. The leaves and leaf buds are harvested for tea production, and variations in processing lead to different types of tea (such as green, black, oolong, and white teas, Golden tips and yellow tea). The plant prefers acidic soil and can grow in various climatic conditions, from tropical to subtropical regions. Green tea contains numerous phytochemicals: potent theaflavin antioxidants: Theaflavin (TF), Theaflavin-3-gallate (TF-3-G), and Theaflavin-3,3'-digallate (TFDG)), catechins - phenolic antioxidants: Epicatechin (EC), Epigallocatechin (EGC), Epicatechin gallate (ECG), Epigallocatechin gallate (EGCG)). The Green tea also contains important phytochemicals such as: Caffeine, Theobromine, and Theophylline, the amino acid - L-theanine, and tannins responsible for the characteristic bitter taste and astringent actions: proanthocyanidins and Gallic acid and its ester form.



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Benefits:

- a) **Boosts Metabolism and Weight Loss:** Studies suggest that polyphenols in oolong tea can boost metabolism and increase fat oxidation, potentially aiding in weight loss and reducing obesity risk.
- b) **Improves Heart Health:** Regular consumption may help lower cholesterol levels and blood pressure, reducing the overall risk of heart disease.
- c) **Promotes Mental Alertness:** As a natural source of caffeine, it can increase alertness and improve brain performance.
- d) **Supports Blood Sugar Management:** Some evidence indicates that antioxidants in oolong tea may help maintain healthy blood sugar levels and reduce the risk of type 2 diabetes.
- e) **Strengthens Teeth and Bones:** It contains nutrients that may aid in boosting bone mineral density and preventing tooth decay.
- f) **Rich in Antioxidants:** The tea contains polyphenols that fight free radicals, offering anti-inflammatory and potential anticancer properties.

Usage: It can be consumed as a beverage, used in dietary supplements.

Storage (Shelf Life): Stable when stored in a dry and cool place away from direct sunlight and in containers that does not allow air to penetrate. Its shelf life is Approximate 3years from the date of processing.

Animal Testing: The substance has not been tested on animals

GMO: Not GMO

Vegan: Does not contain components of animal origin.