



## Product Specification & Analysis

April 14, 2026

**CERTIFIED AND ATTESTED FOR USE IN FOOD SAFETY PROCEDURES AND AUDITS:** This product meets or exceeds the food safety compliance standards covering microbiological activity, heavy metals and pesticide MRL's for the European Union, Japan, Canada, USA, and all other major tea importing countries. Metropolitan Tea undergoes annual audits for FSSC 22000, Kosher, Vegan, PIP, C-TPAT, Organic and Air Cargo Control. Biennial audits are done by CFIA and USFDA-FSMA.

JOHN HALES  
QUALITY ASSURANCE DEPARTMENT  
THE METROPOLITAN TEA COMPANY LTD.

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**PRODUCT NAME:** Steamed Darjeeling

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**PRODUCT TYPE:** Loose - Green Tea

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**INGREDIENTS:** Green tea

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**LATIN / BOTANICAL NAMES FOR THE PLANT BASED INGREDIENTS:** Camellia sinensis

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**ORGANIC EQUIVALENCY:** Not applicable. Conventional farming techniques.

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**COUNTRY OF ORIGIN:** Processed, manufactured, blended, and packed in Canada.

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**FUNCTION / CLASSIFICATION:** Foodstuff of common consumption.

**MICROBIOLOGICAL PARAMETERS:**

**Aerobic Microbial Count (Cfu/G) (Method MFHPB-18):** < 1e7

**Mold (Cfu/G) (Method MFHPB-22):** < 1e5

**Yeast (Cfu/G) (Method MFHPB-22):** < 1e5

**E. Coli (Cfu/G) (Method MFHPB-34):** < 10

**Salmonella (ND/25g) (Method MFHPB-20):** ND

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**WATER ACTIVITY MEASUREMENT:** Water activity predicts safety and stability with respect to microbial growth, chemical and biochemical reaction rates, and physical properties. The product should have a water activity measurement of < 0.60aw for there to be no microbial proliferation.

**PHYSICAL AND SENSORY PARAMETERS:**

**Appearance (Dry Product):** Dried green tea leaves

**Color (Dry Product):** Predominantly green

**Dry Leaf Aroma:** Sweet vegetative character

**Taste:** Delicate flavor with muscatel notes. Hints of pungency note its 2nd flush production time.

**Infusion / Cup Color:** Light green

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**HOT BREWING INSTRUCTIONS:** Bring filtered or freshly drawn cold water to a rolling boil. Place 1 slightly heaping teaspoon of loose tea for each 7-9oz / 200-260ml of fluid volume in the teapot. Pour the boiling water into the teapot. Cover and let steep for 3-7 minutes according to taste (the longer the steeping time the stronger the tea).

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**CAFFEINE CONTENT:** Low

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**ANTIOXIDANT CONTENT:** Ultra High



**THE**  
*Metropolitan*  
*Tea Company*  
LUXURY TEA *Ltd.*





**QUALITY REQUIREMENTS:**

**Foreign Matters:** Max. 2% other plants and non plant material. Free from living insects and from visible mold growth. Absent of hazardous foreign matters.

**RADIATION:** The product and its raw materials have not been treated with ultraviolet or ionized rays. The tea is not irradiated in any form.

**FUMIGATION:** The product has not been fumigated.

KNOWN OR CLAIMED SOURCES OF FOOD ALLERGY / INTOLERANCE:	Yes / No
Celery and products thereof:	No
Cereals containing gluten products thereof:	No
Crustaceans and products thereof:	No
Eggs and products thereof:	No
Fish and products thereof:	No
Lupin and products thereof:	No
Milk and products thereof, including lactose:	No
Mustard and products thereof:	No
Nuts and products thereof:	No
Peanuts and products thereof:	No
Sesame seeds and products thereof:	No
Soy and products thereof:	No
Sulphur dioxide and sulphites at concentrations of more than 10mg/kg expressed as SO2 (yes / no):	No

**PRESENTATION:** Vacuum packed in a custom bag that controls atmospheric pressure. This bag protects it from moisture, oxygen, and light.

**STORAGE CONDITIONS:** Store in a cool, dry, dark place (15-30 degrees Celsius).

**SHELF LIFE LOOSE TEA:** 20 years unopened, 2 years after opening.

**METHOD OF MANUFACTURE:** Raw material is received, tested, and tasted against the standard in accordance to FSSC 22000, FSMA, and SFCR food safety protocols. A retention sample is drawn and kept for fifteen years. The raw material is vacuum packed before storage. When ready to blend, the vacuum packed materials are emptied into a stainless steel blender and sampled for an organoleptic test and further analysis. Vacuum packed before distribution.

**PRODUCT ASSESSMENT/ASSURANCE:** All ingredients are traditionally used in tea, fruit or herbal blends, and/or food.

**ASSESSMENT OF FINAL PRODUCT FOR HUMAN CONSUMPTION:** We hereby confirm that all tea products produced and marketed by Metropolitan Tea are suitable for human consumption, proper application provided.

**GMO DECLARATION:** According to our knowledge and the statements of our suppliers we can confirm that the product does not contain GMOs.

**DECLARATION OF COMPLIANCE:** The product conforms to the legal requirements of the USFDA (USA), CFIA (Canada), and EFSA (EU) effective at the time of delivery.





## Process Flow Chart

