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PURTEA[®]
organic caffeine by AFS

**AFS FOR-03-006
(030-F)**



SPECIFICATION SHEET

PRODUCT: **Organic Green Tea Extract, Dry**
Product Name: PurTea™
Product Number: GTE30
Product Code: GTE-002, 30% Caffeine / 20% Catechins
Ingredient Contents/list: 100% Green Tea
Botanical Name: *Camellia sinensis*
Plant Part Used: leaf

Standardized For: 30% Caffeine / 20% Catechins
Manufactured with: 100% Pure Green Tea Leaves (*Camellia sinensis*)

	Specification	Method ID
Appearance	light Brown	Visual
Sensory	Bland, bitter	Organoleptic
Assay	> 97.0%	USP <731>
Caffeine Content	30% ± 2.5	HPLC
Catechin Content	20% ± 5.0	HPLC
Lead	< 0.25 ppm	ICP-MS AOAC 2013.06
Arsenic	< 0.15 ppm	ICP-MS AOAC 2013.06
Cadmium	< 2.5 ppm	ICP-MS AOAC 2013.06
Mercury	< 1.5 ppm	ICP-MS AOAC 2013.06
Heavy Metals	< 10 ppm	ICP-MS AOAC 2013.06
<i>E. coli</i>	negative / 25 g	USP <62>
Total Coliform	< 3 MPN/g	AOAC 996.24, MPN, FDA BAM
<i>Salmonella</i>	negative / 375 g	USP <62>
<i>Pseudomonas aeruginosa</i>	negative / 25 g	USP <62>
<i>Staphylococcus</i>	negative / 25 g	USP <62>
Yeast & Mold	< 100 colonies /g	USP <61>
Aerobic Total Plate Count	< 10 ⁴ CFU/g	AOAC 990.12, FDA BAM
Residual Solvents	<200 ppm	USP <467>

Meets the microbe requirements of the United States Pharmacopoeia.

Allergen Specifications

PurTea green tea extract, is **free** from the following known allergens:

Milk	Eggs
Fish	Shellfish / Shrimp
Nuts	Wheat
Soybeans	Lactose

Mycotoxin Screen:

- Aflatoxin B1: < 2 ppb
- Aflatoxin B2, G1, G2 or sum of aflatoxins: < 5 ppb
- Ochratoxin A or B: < 5 ppb
- Fumonisin: < 100 ppb

Pesticide Screen: Comply with the USP34-NF29:561 requirements

Packing Specifications

Available in 5 or 25 kg food grade plastic drums with polyethylene bags.

Storage Specifications. Store in well-closed containers in a dry place at ambient temperature (15-20°C). Material should be re-tested after storage for two years.

Sterilization Specifications

Non-contact steam heat in drying operation. No radiation sterilization methods applied.

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Internal Release Document: Applied Food Sciences Inc.

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