

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<b>CAMELLIA SINENSIS</b>	<b>Product Name</b>	Green Tea Extract
<b>Parts of Plant</b>	Leaf	<b>Report No</b>	CS/NH/23
<b>Extraction Ratio</b>	<b>Liquid Extract</b>	<b>Origin</b>	India
<b>Extraction Base</b>	<b>Water/Solvent</b>	<b>Date of Expiry</b>	02 Years
<b>Cas No</b>	84650-60-2	<b>HSN Code</b>	13021919

TEST	SPECIFICATION	METHOD
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### A. Physical Parameters:

<u>Solvent Used</u>	PROPYLENE GLYCOL	GLYCERIN	DISTILLED	
<b>Appearance</b>	Transparent liquid	---	---	Visual
<b>Color</b>	Colorless	---	---	Visual
<b>Odour</b>	Odorless	---	---	Organoleptic
<b>pH</b>	Between 4.0 to 6.0	---	---	USP 791
<b>Total Solid</b>	NLT 15% w/w			USP
<b>Identification (Sol in Water)</b>	Positive for polyphenols	---	---	UV/VIS Spectrophotometer (ABS at 270NM) 0.75- 0.25
<b>Sp. Gravity (25°C)</b>	1.01-1.04	---	---	USP 791
<b>Loss on Drying @ 120°C</b>	NLT 5.0% w/w	---	---	USP 731
<b>Water Solubility</b>	Soluble	---	---	USP 561
<b>Preservatives</b>	Parabens & potassium sorbet	---	---	USP

### B. Active Ingredients:

<b>Polyphenol</b>	<b>Presence</b>	---	---	<b>HPTLC</b>
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### C. Heavy Metals:

<b>Lead (PB)</b>	NMT 1.0 ppm	---	---	USP 233
<b>Mercury (HG)</b>	NMT 1.0 ppm	---	---	USP 233
<b>Arsenic (AS)</b>	NMT 1.0 ppm	---	---	USP 233
<b>Cadmium (CD)</b>	NMT 1.0 ppm	---	---	USP 233

### D. Microbiological Test:

<b>Total Aerobic Count</b>	NMT 1000 cfu/gm	---	---	USP 2021
<b>Total Yeast &amp; Mold Count</b>	NMT 100 cfu/gm	---	---	USP 2021
<b>Escherichia coli</b>	Absent	---	---	USP 2022
<b>Salmonella</b>	Absent	---	---	USP 2022
<b>S. aureus</b>	Absent	---	---	USP 2022
<b>Staphylococcus</b>	Absent	---	---	USP 2022

### E. Other:

Standard Packing: 25 Kg in single HDPE Container.

The above material complies with in-house specifications.

Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30°C.

The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material.

**Note: This Is Computer Generated Specification & Does Not Require a Physical Signature.**

