

## Green Tea Extract 50% EGCG Powder

### Product Characteristics

|                   |                              |
|-------------------|------------------------------|
| Botanical Name    | <i>Camellia sinensis</i>     |
| Plant Part        | Leaves of <i>C. sinensis</i> |
| Appearance        | Light brown fine powder      |
| Solvent           | Ethyl acetate/water          |
| Preservatives     | None                         |
| Country of Origin | China                        |

| Profile           | Method | Specification          |
|-------------------|--------|------------------------|
| Particle Analysis |        | 100.0% through 80 mesh |
| Bulk density      |        | 0.40 g/ml – 0.60 g/ml  |
| Total Polyphenols | UV     | ≥ 98.0%                |
| Catechins         | HPLC   | ≥ 80.0%                |
| EGCG              | HPLC   | ≥ 50.0%                |
| Caffeine          | HPLC   | Report only            |
| Loss On Drying    |        | ≤ 5.0%                 |
| Ash content       |        | ≤ 1.5%                 |
| Heavy Metals      |        | ≤ 10.0 ppm             |
| Lead              |        | ≤ 0.5 ppm              |
| Arsenic           |        | ≤ 0.5 ppm              |
| Cadmium           |        | ≤ 0.1 ppm              |
| Mercury           |        | ≤ 0.1 ppm              |

### Microbiological Profile

|                           |              |
|---------------------------|--------------|
| Total aerobic plate count | ≤ 1000 CFU/g |
| Yeast and mold            | ≤ 100 CFU/g  |
| Staphylococcus Aureus     | Negative     |
| Salmonella                | Negative     |
| E. Coli                   | Negative     |

### Storage

Store in tight containers, protected from light, moisture and heat.

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