

Green Tea Extract 45% EGCG Powder

Product Characteristics

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|-------------------|------------------------------|
| 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 | ≥ 95.0% |
| Catechins | HPLC | ≥ 75.0% |
| EGCG | HPLC | ≥ 45.0% |
| Caffeine | HPLC | Report only |
| Loss on Drying | | ≤ 5.0% |
| 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.

Revision: 1/12/17