

PRODUCT SPECIFICATION SHEET

Paullinia Cupana Seed PE - Standardised - 10% Caffeine, (High Water Solubility)

Product Description:

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| <i>Product name:</i> | Guarana Seed PE 10% Caffeine, (High Water Solubility) |
| <i>TN product code:</i> | PAU0028 |
| <i>Latin name:</i> | <i>Paullinia cupana</i> , Humb., Bonpl. & Kunth. |
| <i>Common name/s:</i> | Guarana |
| <i>Preparation type:</i> | Powdered extract |
| <i>Plant part:</i> | Seed |
| <i>Active constituents:</i> | Caffeine |
| <i>Appearance:</i> | Fine powder |
| <i>Colour:</i> | Tan |
| <i>Aroma:</i> | Characteristic |
| <i>Taste:</i> | Characteristic |
| <i>Excipient:</i> | None |
| <i>Recommended storage:</i> | Store well sealed in a cool (< 25°C) dry place away from direct sunlight. Do not freeze. |
| <i>Shelf life:</i> | 24 months if stored in accordance with recommendations. |

Specifications:

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| <i>Assay (Caffeine):</i> | - 10% |
| <i>(Theobromine):</i> | Positive identification |
| <i>(Theophylline):</i> | Positive identification |
| <i>Particle size:</i> | 100% through mesh #80 sieve |
| <i>Heavy metals:</i> | < 10 ppm |
| <i>Lead (Pb):</i> | < 5 ppm |
| <i>Arsenic (As):</i> | < 2 ppm |

Microbiological Limits:

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| <i>Total plate count:</i> | < 1000 cfu/gm |
| <i>Yeast / Mould:</i> | < 100 cfu/gm |
| <i>E. Coli:</i> | Negative/gm |
| <i>Salmonella:</i> | Negative/10gm |
| <i>Staphylococcus aureus:</i> | Negative/gm |
| <i>Enterobacteria:</i> | Negative/gm |

Comprehensive specification sheet available upon request

Also available :

Guarana Seed PE 10% Caffeine

Guarana Seed PE 22% Caffeine

Guarana Seed PE 22% Caffeine, (High Water Solubility)