

Product Specification

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| Product Name: Saw Palmetto P.E. 45% | Item Code: NIGSWP45- |
| Botanical Name: <i>Serenoa repens</i> | Part Used: Fruit |
| Drying Method: Spray Drying | Date Updated: Mar 2023 |

| TEST ITEMS | SPECIFICATIONS | TEST METHODS |
|--------------------------|----------------------|--------------|
| Appearance | Fine, White Powder | Visual |
| Taste & Odor | Characteristic | Organoleptic |
| Assay: Fatty Acids | NLT 45% | GC |
| Particle Size | NLT 99% thru 80 Mesh | Mesh Screen |
| Moisture | NMT 5.0% | GB 5009.3 |
| Ash | NMT 5.0% | GB 5009.4 |
| Density | 45 – 60g/100ml | Weighing |
| HEAVY METALS ANALYSIS | | |
| Total Heavy Metals | NMT 10ppm | GB 5009.74 |
| Arsenic (As) | NMT 2.0ppm | GB 5009.11 |
| Lead (Pb) | NMT 2.0ppm | GB 5009.12 |
| Cadmium (Cd) | NMT 0.5ppm | GB 5009.15 |
| Mercury (Hg) | NMT 0.5ppm | GB 5009.17 |
| MICROBIOLOGICAL ANALYSIS | | |
| Total Plate Count | NMT 10,000cfu/g | GB 4789.2 |
| Yeast & Mold | NMT 1,000cfu/g | GB 4789.15 |
| E. Coli | Absent | GB 4789.3 |
| Salmonella | Absent | GB 4789.4 |

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| Storage | Store in a clean, dry place at room temperature. |
| Shelf Life | Two years if sealed and stored away from direct sunlight. |


 Approved By: Colleen Hobbaugh / QA Department



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