



Product Specifications
 Standardized Purple Corn Powder, 11%
 (*Zea mays* L.)
 Country of Origin: Peru



ARTEMIS
 INTERNATIONAL, INC.
 From Field To Function™

Product Code: 24354000
Date: February 2014

Product Description: Pure purple corn (*Zea mays* L.) aqueous extract; concentrated and spray-dried with maltodextrin as an excipient; standardized to a minimum anthocyanin content of 11%

Product Properties

| | |
|-----------------|---|
| Color | Dark red-purple |
| Appearance | Fine powder |
| Taste | Characteristic of purple corn; astringent |
| Odor | Characteristic of purple corn |
| Mesh size | 0.15 mm |
| Excipient | Maltodextrin (GMO-free, corn-based) |
| Extract ratio | 22:1 |
| Solubility | Soluble in water until 10% |
| Identity | Botanist confirmed |
| Plant part used | Corn (cobs) |

Analytical Values

Spec.

| | | |
|------------------------------------|-----------|---------|
| Anthocyanins (<i>G-MT-AC-85</i>) | ≥ 11 | g/100 g |
| Moisture | ≤ 12 | g/100 g |
| pH (1%) | 2.0 – 3.5 | |

Heavy Metals

Spec.

| | | |
|---------|-----|-------|
| Lead | ≤ 2 | mg/kg |
| Arsenic | ≤ 1 | mg/kg |
| Cadmium | ≤ 1 | mg/kg |
| Mercury | ≤ 1 | mg/kg |

Microbiological Values

Spec.

| | | |
|-------------------|----------|----------|
| Yeast | ≤ 100 | CFU/g |
| Molds | ≤ 100 | CFU/g |
| Total plate count | ≤ 1,000 | CFU/g |
| <i>Salmonella</i> | Negative | CFU/25 g |

Packaging: Double polyethylene bags of 5 kg inside a fiber drum

Storage: The product must be stored in a dark, cool (≤ 30° C), and dry area. Keep the package well-sealed since the product is hygroscopic. Color may change at the end of shelf life.

Best Used By: 2 years after production date under proper storage conditions

Melanie Bush

Quality Control

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.