



ARTEMIS  
INTERNATIONAL, INC.  
From Field To Function™

Product Bulletin  
**Standardized Purple Corn 11%**  
Product Code: 24354000  
Date: November 2004 (supercedes August 2003)

**1.DESCRPTION:** Standardized Purple Corn is an aqueous extraction from purple corn ( Zea mays L.) followed by a process of concentration and spray drying

**2.TECHNICAL INFORMATION:**

Appearance:	Dark reddish purple fine powder
Anthocyanins:	Not less than 11%
pH (1%):	2.0 - 3.5
Solubility:	Soluble in water until 0.8% (w/w) and in hydro alcoholic solutions.
Stability:	pH: 2.0 –4.0. Heat: Good Light: Good
Shade:	Red-orange to red (acid pH)

**3.PHYSICAL-CHEMICAL SPECIFICATIONS:**

Sulfur dioxide :	Absent
Arsenic :	Not more than 3 mg/kg
Lead :	Not more than 10 mg/kg
Mercury :	Not more than 1 mg/kg
Cadmium :	Not more than 1 mg/kg
Heavy metals as Pb:	Not more than 40 mg/kg

**4. MICROBIOLOGICAL SPECIFICATIONS:**

Total plate Count:	Not more than 1000 ufc/g
Mould:	Not more than 100 ufc/g
Yeast:	Not more than 100 ufc/g
Salmonella :	Negative / 25 g

**5. PACKING:** Double polyethylene bags of 5, 25 and 50 Kg. inside a fiber drum.

**6. STORAGE:** Store in a closed container at 60 to 80 °F/ 15 to 25 C and in a dark room.

**7. SHELF LIFE:** 1 Year in adequate conditions of storage

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. The product should be evaluated on a laboratory scale prior to use in a finished product.