



ARTEMIS
INTERNATIONAL, INC.

From Field To Function™

Product Bulletin
Standardized Purple Corn 7.5%

Product Code: 24354100

Date: November 2004

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

2.TECHNICAL INFORMATION:

Appearance:	Reddish purple fine powder
Anthocyanins:	7.5% - 8.5%
pH (1%):	2.0 - 3.5
Solubility:	Soluble in water until 10% (w/w) and in hydro alcoholic solutions.
Stability:	pH: 2.0 –4.0. Heat: Good Light: Good
Shade:	Red-orange to red (acid pH)
Carrier:	Dextrins

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 storage conditions

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.