



PRODUCT BULLETIN

Cranberry 90MX Powder
(*Vaccinium macrocarpon*)



ARTEMIS
INTERNATIONAL, INC.
From Field To Function™

Product code: 22264000
Ocean Spray Item Number: 94513
Revised Date: March 2009

Product Description:

This free-flowing powder is prepared from the common cranberry (*Vaccinium macrocarpon*) and contains approximately 90% cranberry solids. It is manufactured by spray-drying cranberry concentrate with magnesium hydroxide as the carrier and tri-calcium phosphate as an anti-caking agent.

Product Information:

Appearance	Fine, free-flowing, pink-red powder
Flavor	Characteristic of cranberry
Odor	Characteristic of cranberry
Carrier	Magnesium hydroxide
Particle Size	95% through 100 mesh screen
Solubility	Soluble in water (5g powder in 100mL water at 10°C)
Bulk Density	0.450 – 0.600 g/mL

Chemical Values:

pH	3.5 - 4.5	
Acidity (<i>as citric acid</i>)	>8.5	%
Organic Acids (<i>HPLC</i>)	>30	%
Moisture	2.0-5.0	%

Microbiological Values:

Yeast	≤ 100	CFU/g
Mold	≤ 100	CFU/g
Total Plate Count	≤ 1000	CFU/g
<i>Salmonella</i>	Negative	CFU/25 g
<i>Escherichia coli</i>	Negative	CFU/25g

Packaging: Double poly-lined fiberboard drum. Contains 50 lbs. (22.7 kg) powder net.

Storage: Keep the product well sealed and store in a cool, dry area between 50-70°F. Protect from moisture.

Best Used By: 36 months from manufacture date when protected from moisture and heat

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 this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.