



AGROCEPIA® GENERAL PRODUCT SPECIFICATION Nº 17
ISSUE DATE: Sep 01, 2009 VERSION Nº : 4

LOW MOISTURE POWDERS & GRANULES

PRODUCT DESCRIPTION:

Low moisture apple powder, fiber, semoline and granules are obtained by removing moisture from fresh, ripe apples in continuous air dryers. The fresh apple has previously washed, peeled and cored if applicable. After being dehydrated, the product is milled to obtain powder, semoline, fiber or granule which are then sifted, sorted and passed through magnets and electronic metal detectors. This product and its specifications represent the best of our experience and is manufactured under HACCP system and in complete compliance with the FDA as well as the European Union.

VARIETY:

Green and red.

COLOR:

Uniform, rather brownish.

TEXTURE:

Characteristic light powdery.

FLAVOR:

Typical peel apple flavor and odor, free from off flavors or odors.

ANTICAKING:

Calcium stearate, Calcium carbonate, Silicon dioxide, Rice flour, or Wheat starch.

MOISTURE:

3.5% - 5%

SIZE FRESH CUT:

POWDER PEELED & CORED

20 MESH

40 MESH

60 MESH

WHOLE APPLE POWDER

20 MESH

40 MESH

FIBER

20 MESH

40 MESH

SEMOLINE

8 MESH

NUGGET

4 MESH





AGROCEPIA® GENERAL PRODUCT SPECIFICATION Nº 17
 ISSUE DATE: Sep 01, 2009 VERSION Nº : 4

LOW MOISTURE POWDERS & GRANULES

GRANULE

-5 + 4 MESH

(especific range according to customer requirement)

PRESERVATIVES:

- Sulfite: <300, <600 ppm or,
- Unsulfured

GRANULOMETRY:

<u>PRODUCT</u>	<u>ON USS</u>	<u>ON USS</u>	<u>UNDER USS</u>
POWDER PEELED & CORED 20 MESH	#20 - 10% MAX		#20 - 90% MAX
POWDER PEELED & CORED 40 MESH	#40 - 10% MAX		#40 - 90% MAX
POWDER PEELED & CORED 60 MESH	#60 - 10% MAX		#60 - 90% MAX
WHOLE APPLE POWDER 20 MESH	#20 - 10% MAX		#20 - 90% MAX
WHOLE APPLE POWDER 40 MESH	#40 - 10% MAX		#40 - 90% MAX
FIBER 20 MESH	#20 - 10% MAX		#20 - 90% MAX
FIBER 40 MESH	#40 - 10% MAX		#40 - 90% MAX
SEMOLINE 8 MESH	#8 - 10% MAX		#40 - 35% MAX
NUGGET 4 MESH	#4 - 5% MAX		#12 - 15% MAX
GRANULE -5 + 40 MESH	#5 - 5% MAX	#12-60%	#40 - 10% MAX

MAJOR DEFECTS (By Weight):

Off-colored pieces	N/A max
Pieces w/skin and or carpel	N/A max
Stalks and Calyx	N/A max
Seed fragments / Whole Seed	N/A max
Foreign Material	None (including but not limited to metal, plastics, wire, string, hair, glass, manure and/or animal contamination.)

MICROBIOLOGICAL

	MAXIMUM LIMIT	
SPC	3,000 CFU/g. max	NCh2659 (based ISO 4833:2003)
Coliform Count	<10 CFU/g. max	NCh2635/2 (based ISO 4831:2006)
Yeast & Mold count	100 CFU/g. max	NCh2734 (based ISO 21527-1:2008)



AGROCEPIA S.A., Longitudinal Sur Nº 90, P.O. Box 457, Talca, Chile.
 CEPIA INTERNACIONAL S.A., San Antonio 418 oficina 308, Santiago, Chile.
 Tel: (56-71) 617600 • 617610 / Fax: (56-71) 617620 • 617630

www.agrocepia.com



AGROCEPIA® GENERAL PRODUCT SPECIFICATION Nº 17
ISSUE DATE: Sep 01, 2009 VERSION Nº : 4

LOW MOISTURE POWDERS & GRANULES

<i>Enterobacteriaceae</i>	<10 CFU/g. max	FDA BAM 2001
<i>Staphylococcus aureus</i>	<10 CFU/g	NCh2676 (based ISO 21528-2:2004)
<i>Salmonella</i>	Absent/25g	NCh2671 (based ISO 6888-3:2003)
<i>E.coli</i>	<10 CFU/g	NCh2675 (based ISO 6579:2002)
<i>B.cereus</i>	<10	NCh2636 (based ISO 9308-3:1998)

STANDARD PACKING:

<u>PRODUCT</u>	<u>Size</u>
POWDER PEELED & CORED 20 MESH	20 Kg/40 lb
POWDER PEELED & CORED 40 MESH	20 Kg/40 lb
POWDER PEELED & CORED 60 MESH	20 Kg/40 lb
WHOLE APPLE POWDER 20 MESH	20 Kg/40 lb
WHOLE APPLE POWDER 40 MESH	20 Kg/40 lb
FIBER 20 MESH	20 Kg/40 lb
FIBER 40 MESH	20 Kg/40 lb
SEMOLINE 8 MESH	14 Kg/30 lb
NUGGET 4 MESH	13 Kg/30 lb
GRANULE -5 + 40 MESH	18 Kg/40 lb

PACK TYPE:

Heat sealed poly lined cardboard cartons

SHELF LIFE AND STORAGE RECOMMENDATIONS:

12 months from packaging date in unopened packaging.

Keep dry (<60% RH) and cool place at 20°C (70°F) or below and without strong odours.

KOSHER CERTIFICATION:

This product meets the Kashruth requirements.

RECONSTITUTION RATIO:

The full reconstitution of the product generally requires 1 part of apple and 4 parts water (1:5).

NUTRITIONAL DATA:

NUTRIENT

Energía / Energy

VALUE per 100 g.

277

UNITS

Kcal





AGROCEPIA® GENERAL PRODUCT SPECIFICATION Nº 17
ISSUE DATE: Sep 01, 2009 VERSION Nº : 4

LOW MOISTURE POWDERS & GRANULES

Agua / Water	2.0	g
Proteína / Protein	1.9	g
Fibra dietaria / Dietary fiber	31.0	g
Fibra insoluble / Insoluble fiber	27.6	g
Fibra soluble / Soluble fiber	3.4	g
Ceniza / Ash	2.3	g
Carbohidratos disponibles / Available carbohydrates	59	g
Azúcares totales / Total sugar	56	g
Materia grasa total / Total fat	3.6	g
Sodio / Sodium	122	mg
Potasio / Potassium	476	mg
Fósforo / Phosphorus	509	mg
Vitamina C / Vitamin C	4.7	mg
Vitamina E / Vitamin E	0.9	mg

Quality Control

Production Manager

