



ARDEX® F Isolated Soy Protein 066-920

ARDEX® F is an isolated soy protein that is produced for specialty food applications. Heated aqueous dispersions exhibit a relatively low viscosity. It is both an emulsifier and an emulsion stabilizer. Because of its low flavor and odor profile, ARDEX® F may be combined with sweet dairy whey for use as a non-fat dry milk replacer in various foods such as margarine, batters, and confections. It may also be used in imitation dairy-type products, nutritional applications, baby foods, and sauces.

ARDEX® F Dispersible, a non-dusting, dispersible form of ARDEX® F, is also available.

PROXIMATE DATA

% Moisture, max	6.0
% Protein (mfb), min.....	90
% Fat (acid hydrolysis), max.....	4
% Ash, max	5
pH (1:10 disp. in water)	6.8-7.3
Calories (per 100 gm).....	380

GRANULATION

90% through #100 U.S. Standard Screen

MICROBIOLOGICAL DATA

Standard Plate Count, max	10,000/gm
Salmonella (class I).....	Negative
E. Coli	Negative

TYPICAL AMINO ACIDS (gm/100 gm protein)

Aspartic Acid.....	12.2
*Threonine.....	3.9
Serine.....	5.2
Glutamic Acid.....	20.5
Proline.....	5.6
Glycine.....	4.4
Alanine.....	4.4
Cystine.....	1.2
*Valine.....	5.3
*Methionine.....	1.3
*Isoleucine.....	5.3
*Leucine.....	8.6
Tyrosine.....	4.1
*Phenylalanine.....	5.5
*Histidine.....	2.7
*Lysine.....	6.5
Arginine.....	9.2
*Tryptophan.....	1.2

*Essential Amino Acids

TYPICAL MINERALS (mg/100 gm)

Sodium.....	1100-1400
Potassium.....	75-300
Calcium.....	50-150
Phosphorus.....	700-1100
Iron.....	8-13
Magnesium.....	25-100

PACKAGING

Available in 20 kg (44 lb.) net weight, multi-wall, poly-lined paper bags.

STORAGE

Storage below 75° F and 60% relative humidity promotes longer shelf life.

INGREDIENTS

Isolated soy protein.

Note: This product is kosher and pareve, bears the O.U. symbol of certification, and is Halal certified.

See page 35 for Nutritional Information.



Nutritional Information Isolated Soy Proteins**

NUTRIENT	PERCENT	*	NUTRIENT	mg per 100 g	*
Moisture, maximum	6.0	(1)	Sodium	Refer to data sheet	(1)
Protein (Nx6.25), mfb	90	(1)	Potassium	Refer to data sheet	(1)
Protein (Nx6.25), as is, min	85	(1)	Phosphorus	Refer to data sheet	(1)
Ash	5	(1)	Calcium	Refer to data sheet	(1)
Fat (acid hydrolysis)***	4	(1)	Magnesium	Refer to data sheet	(1)
Total Carbohydrates	<1	(2)	Iron	8-13	(1)
Energy (calories/100 g)	380	(2)	Zinc	3-6	(1)
PDCAAS	.98	(4)	Copper (µg)	<2	(1)
			Manganese	<2	(1)
NUTRIENT	mg per 100 g	*	Selenium	.03	(3)
Vitamin A (I.U.)	0	(3)	Chromium	<.01	(3)
Vitamin C	0	(3)	Molybdenum	N/A	---
Thiamine	.18	(3)	Iodine	N/A	---
Niacin	1.44	(3)	Fluoride	<10 ppm	(1)
Vitamin D	trace	(3)	Sulfites	<10 ppm	(1)
Vitamin E	trace	(3)	Chloride	350	(3)
Vitamin B6	trace	(3)	Fatty Acids (based on fat by acid hydrolysis)		
Vitamin B12 (µg)	trace	(3)	Saturated	0.8%	(3)
Folic Acid	0.18	(3)	Cholesterol	0	(3)
Biotin	trace	(3)	Caffeine	0	(3)
Vitamin K	trace	(3)	Alcohol	0	(3)
Pantothenic Acid	.06	(3)	Sugars	trace	(3)
Riboflavin	.1	(3)	Mercury	<0.05 ppm	(1)
			Arsenic	<0.5 ppm	(1)
			Cadmium	<0.1 ppm	(1)
			Lead	<0.5 ppm	(1)

*** Fat content for PRO-FAM® 930, 932, and 945 is 5%.

** Excludes fortified products.

* (1) = Actual analysis

(2) = Calculated

(3) = From database

(4) = Calculated based on corrected amino acid scores

(from actual analysis) using protein digestibility of .95,

FAO/WHO, 1989

Protein, carbohydrates, and fat are all of soybean origin.

N/A = No data available