



Product Specification

Spec #: 61

Barley Flakes Thick

Review Date:

July 2015

Products Applicable:

- Conventionally Grown Barley Flakes Thick
- Certified Organic Barley Flakes Thick

Note: Please specify your preference when ordering.

Issue Date:

March 2004

UKD-ID Kosher Identification:

OUV3-C9B6689

Facility Information:

Manufacturer:	Grain Millers, Inc	Telephone:	1-800-443-8972
Address:	315 Madison Street	Fax:	541-687-2155
	Eugene, Oregon 97402-5304		
Third Party Audit	Yes		
HACCP Program:	Yes		
Halal Certified:	Yes	Certifying Agency:	The Islamic Food And Nutritional Council Of America (IFANCA)
Kosher Certified:	Yes	Rabbinical Organization:	Orthodox Union (OU), Pareve Status
Organic Certified:	Yes	Certifying Agency:	Oregon Tilth
FDA Registered:	Yes		

Regulatory Compliance Information:

1. Raw Material: Grain Millers barley products are manufactured from pre-selected, clean sound barley grown in the northern regions of North America. The grain is carefully cleaned, dehulled, steamed, and cut and sized, flaked, or milled as needed to meet product specifications.
2. FDA Compliance: Our products are manufactured to comply with the US Federal Food, Drug and Cosmetic Act of 1938 and all acts and promulgated rules amending or supplementing this act.
3. Ingredients: 100% Barley
4. Allergens: Barley products may contain measurable amounts of rye, wheat, and triticale from the grain handling process as allowed by the U.S. Grain Handling Standards and the Canadian Grain Commission. According to the latest Q & A Document released by FDA December 12, 2005 labeling of allergens from cross contact is not required. FALCPA's labeling requirements do not apply to major food allergens that are unintentionally added to a food as the result of cross-contact. In the context of food allergens, "cross-contact" occurs when a residue or other trace amount of an allergenic food is unintentionally incorporated into another food that is not intended to contain that allergenic food. Cross-contact may result from customary methods of growing and harvesting crops, as well as from the use of shared storage, transportation, or production equipment. Reference available upon request.
5. Other Declarations: To the best of our knowledge, this product contains no sulfites, added flavors, components from an animal source, BHA, BHT, genetically altered plant material, nor irradiated material.
6. MSDS: Available upon request.



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Product Characteristics:

A. Sensory

Visual: Creamy yellow-white to light brown

Flavor: Clean, with no off flavors

Aroma: Clean, with no off odors

B. Physical / Chemical

Test	Method	Min Spec	Max Spec	Listed On COA
US #4	AACC 66-20	20%	60%	Yes
US #7	AACC 66-20	40%	76%	Yes
US #10	AACC 66-20	0%	5%	Yes
Pan	GME B.3.5.4	0%	2%	Yes
Thickness	GME B.4	0.029 inches	0.038 inches	Yes
Weed Seed & Foreign Matter	GME B.2.1	0/100 g	15/100 g	Yes
Moisture	GME B.5.3 / AACC 44-15A	0%	13%	Yes
Visual/Odor Evaluation	GME B.13.1	Matches Control	Matches Control	Yes

C. Microbiological

	Typical ³	Reference Method	COA
Aerobic Plate Count	<1,000 CfU/g ¹	FDA-BAM ² Chapter 3	NA
Coliform	< 100 CfU/g	FDA-BAM Chapter 4	NA
E. coli	<10 CfU/g	FDA-BAM Chapter 4	NA
Salmonella	Negative/25 g	AOAC 989.14	NA
Yeast	<100 CfU/g	FDA-BAM Chapter 18	NA
Mold	<100 CfU/g	FDA-BAM Chapter 18	NA

¹ CfU = Colony forming units

² BAM = Bacteriological Analytical Manual On-line, January 2001

³ Typical results are not guaranteed but merely indicative of standards that can generally be achieved should customer purchase a product that requires microbiological testing.

Packaging:

This product is available in multiwall kraft paper bags of 25 lbs. and 50 lbs.; 1500 lb to 2000 lb polystyrene mesh sacks (totes), or bulk via truck or rail.

Shipping and Handling:

A. Shipping/Storage: Store in a cool, dry place at temperature and humidity not to exceed averages of 75F (24 C) and 65% RH as measured over a 48 hour period

B. Shelf Life: 12 Months

C. Lot Coding: YYMMDDP - Y=year; M=month; D=date; P=facility where 0=Eugene- Oregon USA; A= St. Ansgar- Iowa USA ; N=Yorkton- Saskatchewan Canada

D. Special precautions for use: NONE.



Nutritionals:

The analytical data in *Nutritionals* is provided solely as a guideline. Actual results may vary widely from stated values due to weather, soil conditions, crop year, and region of origin. Customers should perform their own nutritional testing to meet nutritional labeling requirements.

Proximate Nutrients	per 100 grams	Proximate Nutrients	per 100 grams
Calories (kcal)	354	Calcium (mg)	33
Protein (g)	12.48	Iron (mg)	3.6
Total Fat (g)	2.3	Phosphorous (mg)	264
Saturated Lipid (g)	0.482	Potassium (mg)	452
Monounsat. Lipid (g)	0.295	Sodium (mg)	12
Polyunsat. Lipid (g)	1.108	Total Vitamin A (IU)	22
<i>trans</i> -fatty acid	0	Vitamin C (mg)	0
Cholesterol (mg)	0		
Total Carbohy. (g) by difference	73.48		
Sugars (g)	0.8		
Total Dietary Fiber (g)	11		
Ash (g)	2.29		

With the exception of TDF nutritional data in this section is taken from the USDA Nutrient Database for Standard Reference **NDB No.: 20004** . Total Dietary Fiber (TDF) is derived internally by Grain Millers.

Due to weather, soil conditions, crop year, region of origin, and changes in processing technology, Grain Millers reserves the right to revise the SPECIFICATIONS and NUTRITIONALS for this product at any time. Customers will be notified in writing of any changes.