

Mill:	Blackfoot	Product Name	Shepherd's Grain Hi Opus Flour
Date:	4/8/2025	GC Product Code	8640050
Customer:	Shepherd's Grain		Pack Size: 50 lb Bag
Customer Location:			Revised: 5/6/2024
Customer Product UPC #:	895042000169		Supersedes: 4/5/2024

I. Product Definition

- A. A high quality flour milled from select blends of wheat.
- B. This product is food grade in all respects, in compliance with the FD & C Act of 1938 as amended and all applicable regulations thereunder. It shall meet FDA standards for wheat flour or enriched wheat flour as outlined in 21 CFR 137.

II. Chemical Properties (14.0% MB)

	Target	Tolerance	Method
A. Moisture (%)	14.0	14.5 Max.	AACC 44-16
B. Ash (%)	0.55	.52 - .58	AACC 08-02
C. Protein (%)	14.0	12.0 - 16.0	AACC 39-11
D. Falling number	275	240-310	AACC 56-81B
E. Farinograph			
Absorption (%)	63.0	60.0 - 66.0	AACC 54-21
Peak (minutes)	7.0	5.0 - 9.0	AACC 54-21
MTI (BU)	30	10 - 50	AACC 54-21
Stability (minutes)	10.0	8.0 Min.	AACC 54-22

III. Ingredient Statement

Kosher Approval:

Orthodox Union (OU)

Wheat Flour, Malted Barley Flour, Niacin, Reduced Iron, Thiamine Mononitrate, Riboflavin
Folic Acid

IV Allergen Information

CONTAINS: WHEAT

V. Caution: Flour is not a ready to eat product. This product has not been processed to control microbial pathogens.

VI. Physical Characteristics

- A. Color - Clean, creamy white, free from bran specs
- B. Product shall be free of rancid, bitter, musty or other undesirable flavors or odors.
- C. Product shall be free of all types of foreign material.

Sifting: Product is sifted prior to packaging or loading.

VII. Packaging / Shelf Life / Storage

- A. Packaging 50 lb. Ti x Hi: 5 x 10
- B. Shelf Life 12 months
- C. Storage Products are recommended to be stored under dry ambient conditions with regular inspection and rotation.

VIII. Nutritional Information (per 100 gm)		Source: USDA National Nutrient Database 2020		NDB: 20640	
*Moisture (g)	14.0	Calories (kcal)	362	Iron (mg)	5.06
*Ash (g)	0.55	Total Diet. Fiber (g)	2.4	Thiamine (mg)	0.736
*Protein (g)	14.0	Soluble Fiber (g)	1	Riboflavin (mg)	0.445
Total Fat (g)	1.38	Insoluble Fiber (g)	1.4	Folic Acid (mcg)	140
Carbohydrates (g)	70.07	Sugar (g)	1.1	Folate (mcg DFE)	268
Trans Fats (g)	0	Added Sugar (g)	0	Calcium (mg)	24
Saturated Fat (g)	0.189	Vitamin C (mg)	0	Vitamin A (IU)	0
Monounsaturated Fat(g)	0.152	Potassium (mg)	128	Vitamin D (ug)	0
Polyunsaturated Fat (g)	0.683	Niacin (mg)	5.95	Sodium (mg)	2
Cholesterol (mg)	0	*Based on actual specification target.			
IX. Specification Acceptance:					
Please review above specification for needed / requested modifications. E-mail requested modifications to kkloberdanz@graincraft.com within two (2) weeks from the date of this letter. If there is no response, we consider this specification to be accepted as written.					
NOTE: This specification sheet is applicable to the current crop year.					
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