

## Product Specification Sheet

### Product Description & Application

ZFS Creston Defatted 20-80 Soy Grits 20 PDI Non-GMO is fully heat treated (“Toasted”) to deactivate the trypsin inhibitor making the soy enzyme inactive and thus enabling easier digestion. This product can be used to add flavor, improve texture, and increase protein. Typical applications include cereal products, flavor carriers, fermentation, hard/crisp bakery products, and ground meat applications. The Non-GMO program is based on non-GMO sources of origin, with full documentation through all steps of planting, harvesting, storage, transportation and all stages of processing. ZFS Creston Non-GMO products contain a maximum of 0.9% adventitious residual GMO material.

### Specifications

Proximate Analysis	Specification	Reference Method
Protein (dry basis)	53% Min as is	AOCS Ba 4e-93
Moisture	9% Max	AOCS Bc 2-49
Fat	2% Max	AOCS Bc 3-49
Crude Fiber	4.5% Max	AOCS Bc 6-49
Physical Specifications	Characteristic Description	Reference Method
Color	Eggshell to golden	Visual
Flavor	Bland to nutty	Organoleptic
Aroma	Neutral to nutty	Organoleptic
Granulation	95% Min through 20 mesh (US Std.) 35% Max through 40 Mesh (US Std.) 5% Max through 80 Mesh (US Std.)	Sieve Shaker
Protein Dispersibility Index	PDI	Reference Method
20 PDI Solubility	18-30	AOCS Ba 10b-09

### Shelf life, Storage and Transportation

Shelf life is 24 months from production date when stored on pallets off the floor under dry and cool conditions. Product packaging integrity must be maintained and the storage area should be free of strong and objectionable odors. Transportation should be in a clean truck/lorry/container at ambient temperature and not with incompatible non-food materials.

NOTE: Defatted 20-80 Soy Grits 20 PDI Non-GMO are not Ready-to-Eat or suitable for use in Ready-to-Eat applications.  
 • Specifications are based on previous production runs



ZFS Creston, LLC

Nutritional Information	Value per 100 g	Minerals	Value per 100g
Calories (kcal)	282	Sodium (mg)	15
Calories from fat (kcal)	18	Potassium	2277
Calories from Saturated fat (kcal)	4.5	Calcium (mg)	358
Protein, as-is (g)	50	Iron (mg)	8
Moisture (g)	5	Phosphorus (mg)	746
Total Carbohydrates (g)	36	Magnesium (mg)	310
Insoluble fiber (g)	20	Zinc (mg)	5
Soluble fiber (g)	2	Copper (mg)	1
Total Sugars (g)	14	<b>Vitamins</b>	
Ash (g)	7	Vitamin A (IU)	0
Total Fat (g)	2	Vitamin C (mg) 0	0
Saturated Fat (g)	0.5	Thiamine B1 (mg)	0.3
Trans Fat (g)	0	Riboflavin B2 (mg)	<.01
Cholesterol (mg)	0	Niacin (mg)	3.0
		Pyridoxine B6 (mg)	0.3
		Folic acid (mcg)	300
		Pantothenic acid (mg)	1.5

### Labeling (unless otherwise required)

Product name, ingredient statement, name and address of manufacturer, identification code, and production date. Halal & Kosher certified.

### Ingredients

Defatted soy grits.

### Allergen Information

Contains soy.

### Packaging

ZFS Creston Defatted 20-80 Soy Grits 20 PDI Non-GMO is packaged in bulk bags, bulk truck and bulk railcar.

### Made in U.S.A.

#### Warranty Statement

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