



Natural Hazelnut Kernel Specification

Item Code: N11, N12, N13, N14, N15, N16, N17

Manufacturing: All hazelnuts to be shelled, packed and shipped in a clean, controlled environment. The product shall meet Oregon No. 1 standards. May be processed on a line that processes other tree nuts.

Organoleptic:
Texture: Smooth to the touch with soft flaky skin
Color: Brown/reddish colored tint with vanilla colored kernel meat
Flavor: Slightly sweet with great hazelnut taste
Smell: Distinctive hazelnut aroma

Size Specifications: 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm

Additives: None

	Parameter	Specification	Test Method
Physical:	Live Insect	None	Visual
	Moisture	6% or less	ODA, OAR 603-051-320
	Foreign Material (shells)	0.02 of 1% or less	Visual
	Rancidity	1% or less	Visual
Chemical:	Protein	16.1%	AOAC: 968.06
	Sodium	Traces	AOAC: 984.27
	Calcium	Traces	AOAC: 984.27
	Glucose	3.3%	AOAC: 982.14
	Potassium	0.59%	AOAC: 984.27
Microbiological:	Salmonella	Negative in 375 gr	PCR (BAM Chp 5:5007)
	Listeria	Negative in 375 gr	PCR (BAM Chp 10)
	E. coli	<10 CFU/gram	PCR (BAM Chp 4)
	APC	≤10,000 CFU/gram	AOAC: 2015.13
	Total Coliform	≤500 CFU/gram	AOAC: 991.14
	Yeast/Mold	≤2,000 CFU/gram	AOAC: 2014.05
	Aflatoxins (B1, B2, G1, G2)	≤20 ppb	AOAC: 991.31
Food Quality:	Free Fatty Acids	<1.5%	AOAC: 940.28
	Peroxide Value	<10 meq/kg	AOAC: 965.33




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Nutrition Facts Serving size (100g) Calories per serving 628	Amount/serving	% Daily Values*	Amount/serving	% Daily Values*	<small>*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.</small>		
	Total Fat 61g	94%	Sodium 0mg	0%			
	Saturated Fat 4g	20%	Total Carbohydrate 17g	6%			
	Trans Fat 0g		Dietary Fiber 10g	40%			
	Polyunsaturated Fat 7.9g		Total Sugars 4g				
	Monounsaturated Fat 45.7g		Includes 0g Added Sugars	0%			
	Cholesterol 0mg	0%	Protein 15g	30%			
	Vitamin D 0mcg	0%	● Calcium 110mg	11%		● Iron 4.68mg	26%
	Potassium 665mg	19%	● Vitamin C	11%		● Vitamin E	75%
	Vitamin K	18%	● Thiamin	43%		● Riboflavin	7%
	Niacin	9%	● Vitamin B6	28%		● Folate	28%
	Pantothenic Acid	9%	● Phosphorus	29%		● Magnesium	41%
	Zinc	16%	● Selenium	3%		● Copper	86%
	Manganese	309%					

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