



Roasted Hazelnut Kernel Specification

**Item Code:** R11, R12, R13, R14, R15, R16, R17

**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
<b>Physical:</b>	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
<b>Chemical:</b>	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
<b>Microbiological:</b>	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
<b>Food Quality:</b>	Free Fatty Acids	<1.5%	AOAC: 940.28
	Peroxide Value	<10 meq/kg	AOAC: 965.33




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<b>Nutrition Facts</b>	Amount/serving		% Daily Values*		Amount/serving		% Daily Values*	
	Serving size (100g)  Calories per serving	<b>Total Fat</b> 62g		<b>95%</b>		<b>Sodium</b> 0mg		<b>0%</b>
		Saturated Fat 5g		<b>25%</b>	<b>Total Carbohydrate</b> 18g		<b>6%</b>	
<b>646</b>		Trans Fat 0g			Dietary Fiber 9g		<b>36%</b>	
		Polyunsaturated Fat 8.5g			Total Sugars 5g			
		Monounsaturated Fat 46.6g			Includes 0g Added Sugars		<b>0%</b>	
		<b>Cholesterol</b> 0mg		<b>0%</b>	<b>Protein</b> 15g		<b>30%</b>	
	Vitamin D 0mcg	0%	● Calcium 120mg	12%	● Iron 4.32mg	24%		
	Potassium 770mg	22%	● Vitamin A	1%	● Vitamin C	6%		
	Vitamin E	76%	● Thiamin	23%	● Riboflavin	7%		
	Niacin	10%	● Vitamin B6	31%	● Folate	22%		
	Pantothenic Acid	9%	● Phosphorus	31%	● Magnesium	43%		
	Zinc	17%	● Selenium	6%	● Copper	88%		
	Manganese	277%						

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