









ROASTED HAZELNUT PASTE
SPECIFICATION





NORTHWEST
HAZELNUT
— COMPANY —


| | |
|--|---|
|  Item Code: | PST |
|  Manufacturing: | All hazelnuts to be shelled, processed, 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: | <div><div>Texture:</div>Smooth to the touch with soft flaky skin</div> <div><div>Color:</div>Brown/reddish colored tint with vanilla colored kernel meat</div> <div><div>Flavor:</div>Slightly sweet with great hazelnut taste</div> <div><div>Smell:</div>Distinctive hazelnut aroma</div> |
|  Size Specifications: | Free flowing brown paste with a density of approximately 1.06 kg/liter (8.88 lb./gal.) Final mesh screen size is .009” (229microns). |


| | |
|--|------|
|  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) |
| | Staph. Aureus | Negative in 25 gr | PCR (BAM Chp 12) |
| | APC | ≤10,000 CFU/gram | AOAC: 2015.13 |
| | Enterobacteriaceae | ≤100 CFU/gram | AOAC: 2003.01 |
| | Total Coliform | ≤100 CFU/gram | AOAC: 991.14 |
| | Yeast/Mold | ≤2,000 CFU/gram | AOAC: 2014.05 |
| | Aflatoxin | ≤4 ppb | AOAC: 2005.08 |
| | Aflatoxins (B1, B2, G1, G2) | ≤2 ppb | AOAC: 2005.08 |
| | Walnut | <30ppm | ELISA |

| | | | |
|---|------------------|------------|--------------|
|  Food Quality: | Free Fatty Acids | <1.0% | AOAC: 940.28 |
| | Peroxide Value | <10 meq/kg | AOAC: 965.33 |

| | |
|--|--|
|  Packaging & Storage: | Packaged in 13 lb. / 44 lb. pails and 440 lb. drums. Store in dry, cool area from 34 deg. F to 38 deg. F (1.11 deg. C to 3.33 deg. C). |
|--|--|


| | |
|---|--|
|  Shelf Life: | At least 18 months when stored properly. |
|---|--|

| | |
|---|--|
|  Declarations: | This product is not considered to be or to contain hazardous chemicals/pesticides. This product has not been treated with irradiation. This product does not contain heavy metals. |
|---|--|

| | |
|--|--|
|  Allergens: | This product is a tree nut (hazelnuts) allergen. May contain trace amounts of walnut, almond or other tree nuts. |
|--|--|

| |
|---|
|  Certifications: |
|---|



| | | |
|--------------------------------------|-----------------------------------|---|
| Roasted Hazelnut Paste Specification | January 2023 |  |
| Document Title | Implemented/Revised/Reviewed Date | Signature of Approval |



ROASTED HAZELNUT PASTE SPECIFICATION



NORTHWEST
HAZELNUT
— COMPANY —

| Nutrition Facts | | Amount/serving | | % Daily Values* | Amount/serving | | % Daily Values* | |
|---------------------|----------------------|----------------|---------------------------|-----------------|-----------------|--------------------------|-----------------|-----|
| Serving size (100g) | Calories per serving | 646 | Total Fat 62g | | 95% | Sodium 0mg | | 0% |
| | | | Saturated Fat 5g | | 25% | Total Carbohydrate 18g | | 6% |
| | | | Trans Fat 0g | | | Dietary Fiber 9g | | 36% |
| | | | Polyunsaturated Fat 8.5g | | | Total Sugars 5g | | |
| | | | Monounsaturated Fat 46.6g | | | Includes 0g Added Sugars | | 0% |
| | | | Cholesterol 0mg | | 0% | Protein 15g | | 30% |
| | | | 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% | | | | |

*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.

| | | |
|--------------------------------------|-----------------------------------|-----------------------|
| Roasted Hazelnut Paste Specification | January 2023 | |
| Document Title | Implemented/Revised/Reviewed Date | Signature of Approval |

