

WESTNUT PRODUCT SPECIFICATION

PRODUCT: EXTRA LARGE NATURAL HAZELNUT KERNELS
25# Vacuum Packed Case

ITEM# 24244
WNQA# 130

Date: 6/16/2006
Supercedes: 9/1/04

DESCRIPTION

A natural hazelnut kernel that has the natural flavor and odor of fresh hazelnuts. No unauthorized additives, fumigants, pesticides or preservatives are permitted.

ORGANOLEPTIC

Color	Cream to tan meats with red brown to dark brown skins.
Flavor & Odor	Clean. Typical of hazelnuts. No musty, rancid, bitter or other off flavors or odors.
Texture	Firm, crunchy.

CHEMICAL & PHYSICAL

<u>PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
Aflatoxin	10 ppb Maximum	AOAC
Fat	57.75 +/- 3.0%	AOAC
Free Fatty Acid (as oleic)	1.0% Maximum	AOAC
Kernel Sizing	14 - 16 mm	Westnut 1720
Moisture	6.0% Maximum	AOAC
Peroxide Value	10.0 meq/kg Maximum	AOAC
Pesticide Residual	None Detectable	MRM Pesticide Screen
Foreign Material	4 shell fragment per 100 lbs Max	Westnut 1220

Extraneous Matter: The product shall be free of any extraneous matter of any sanitary significance.
The producer shall meet all FDA and/or USDA Good Manufacturing Practices.

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STORAGE AND PACKAGING REQUIREMENTS

Packaging Cases marked with supplier's name, product name and lot code. 25 lb. net corrugated cardboard boxes are sealed with tape. Foil liners are vacuum packed, nitrogen flushed, and heat sealed. No staples or wire ties are permitted.

Shelf Life 12 months at 34° to 38°F.

Lot Code Production Date, WXXYYZ, where W indicates shift, XX indicates month, YY indicates date, and Z indicates the last digit of the year.

NOTE: DO NOT STORE NEAR ODOR PRODUCING SUBSTANCES.

INGREDIENT STATEMENT: Contains 100% hazelnuts

Composition of Natural Hazelnut Kernels

100 gram edible portion

Nutrient

Energy	628	Micronutrients in mg	
Moisture	5.31	Calcium	114
Protein	14.95	Iron	4.70
Total Fat	60.75	Sodium	0.00
Saturated	4.464	Potassium	680
Monounsaturated	45.652	Magnesium	6.175
Polyunsaturated	7.920	Phosphorus	290
Trans Fats	0	Zinc	2.45
Cholesterol	0.000	Copper	1.725
Total Dietary Fiber	9.7	Vitamin E	15.188
Total Carbohydrate	16.70	Vitamin C	6.3
Sugars	4.34	Vitamin A	40 IU