



PRODUCT SPECIFICATION

PRODUCT INFORMATION	
PRODUCT NAME:	Hazelnuts - Roasted Whole
COMMODITY CODE:	2008191930
PRODUCT GRADE & SIZE:	Whole Roasted & 11-13mm or 13-15mm
PACK SIZE:	25kg/12.5kg
BRAND NAME:	-
PRODUCT DESCRIPTION:	Roasted Turkish Hazelnut kernels ex <i>Corylus colurna</i> , air roasted sieved and metal detected prior to packing.
COUNTRY OF MANUFACTURE:	Turkey
ISSUE DATE:	(003) 24.03.2023

PRODUCT COMPOSITION TABLE				
Compound Ingredients	% in Mixing Bowl	Additive or Function	Country of Origin	GM status
Hazelnut	100	Ingredient	Turkey	GMO Free
Total	100			

INGREDIENT DECLARATION	
Ingredients (Legal name)	Hazelnut

ADDITIVE TABLE			
E-number	Name	Amount (mg/kg)	Function
N/A	-	-	-

Allergens:-When purchased in bulk size original packaging, manufacturer allergen policy will apply.
When purchased in quantities that need re-packaging, our allergen policies will apply.

Component	Manufacturer			Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	YES	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	YES	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	YES	YES
NUTS , tree nuts:	Hazelnuts	Hazelnuts	Hazelnuts	Hazelnuts	YES	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	YES	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO

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SULPHITES >10ppm – Sulphite quantity to be given in ppm	No	No	No	
LUPIN seeds or derivatives	No	No	No	

OTHER FOOD GROUPS INTOLERANCE TABLE

Component	Contains Yes/ No/ May Contain)	Component processed on same equipment	Component used on site	Additional information
Hydrogenated Fat/ Oil	No	No	No	
Palm Oil	No	No	No	
Maize & Maize Derivatives	No	No	No	
Vegetable & Vegetable Derivatives	No	No	No	
Yeast & Yeast Derivatives	No	No	No	
Seeds, Seed Oil & Seed Derivatives	No	No	No	
Flavourings, Colours or Preservatives	No	No	No	
Beef, Pork, Lamb, Poultry & Derivatives	No	No	No	
Artificial Sweeteners (e.g. Aspartame)	No	No	No	
Added Sugar	No	No	No	
Added Salt	No	No	No	
Gelatine	No	No	No	
Other Animal Derivatives	No	No	No	
BHA/ BHT	No	No	No	
Artificial Colours Including Azo And Coal Tar Dyes	No	No	No	
Kiwi	No	No	No	
Cinnamon	No	No	No	
Cocoa	No	No	No	
Coriander	No	No	No	
Glutamates (E620 - E625)	No	No	No	
Legumes	No	No	No	

SPECIAL DIETARY REQUIREMENTS

The product is SUITABLE for:

Vegetarians	Yes	Muslims / Halal	Yes
Vegans	Yes	Coeliac	Yes – Not tested to <20ppm
Ovo-Lacto Vegetarians	Yes	Organic	No
Jewish / Kosher	Yes		

Additional Information:



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NUTRITIONAL DATA		
Nutrient Parameter	Typical value (per 100g)	Source of data
Energy kJ	2685	McCance and Widdowson's CoFID 2021
Energy kcal	650	McCance and Widdowson's CoFID 2021
Protein g	14.1	McCance and Widdowson's CoFID 2021
Total Fat g	63.5	McCance and Widdowson's CoFID 2021
of which saturated g	4.6	McCance and Widdowson's CoFID 2021
of which mono-unsaturated g	49.2	McCance and Widdowson's CoFID 2021
of which poly-unsaturated g	6.6	McCance and Widdowson's CoFID 2021
Total Carbohydrate g	6	McCance and Widdowson's CoFID 2021
of which sugars g	4	McCance and Widdowson's CoFID 2021
of polyols g	0	McCance and Widdowson's CoFID 2021
of which starch g	2	McCance and Widdowson's CoFID 2021
Salt g	0.02	McCance and Widdowson's CoFID 2021
Dietary Fibre g	6.9	McCance and Widdowson's CoFID 2021
N: Nutrient is present in significant quantities but there is no reliable information on amount		

PHYSICAL PARAMETERS	
Criteria	Maximum or Range
Sizing of Hazelnut	11-13mm 13-15mm
Under/Over Size	10% Max.
Shell pieces (Per tonne)	5 pcs Max.
Adhered Skin (w/w)	15% Max.
Broken pieces (w/w)	2% Max.
Insect damage (w/w)	1% Max.
Shriveled (w/w)	4% Max.
Damaged/Touched (w/w)	8% Max.
Rotten/moldy (w/w)	2% Max.
Additional Extrinsic Foreign Bodies:	

ORGANOLEPTIC PROPERTIES	
Appearance	Typical roasted hazelnuts, light brown cream colour
Texture	Freshly cracked hazelnuts whole, crisp and of fair average quality of the season.
Flavour & Aroma	Characteristic of roasted hazelnut with no objectionable/ off flavours or odours

MICROBIOLOGICAL PARAMETERS	
Aerobic colony count	2,000cfu/g Max.
Total Mould	100cfu/g Max.
Total Yeast	100cfu/g Max.
Coliforms	10cfu/g Max.
Ecoli	<10cfu/g
Salmonella spp	Absent in 2 x 25g



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CHEMICAL PROPERTIES

Criteria	Maximum or Range
Moisture	3% Max.
Aflatoxin B1	5 ppb Max.
Aflatoxin Total	10 ppb Max.
Free fatty acids (FFA)	1% Max.
Peroxide value (PV)	2 meq/kg Max.
Additional Chemical Criteria: None	

SHELF LIFE AND STORAGE CONDITIONS

Shelf life from Production Date: Min. 12 months (under recommended storage conditions)
Shelf life for Opened Product: 1 week when vacuum bag opened (under recommended storage conditions)
Recommended Storage Temperature (°C): Cool, dry, ambient temperature (ideally 5-12°C), away from direct sunlight
Recommended relative humidity range (%):65% Max. RH

Additional Notes

- In compliance with UK law and EU Regulation (EC) No 1829/2003 we confirm this product (including all ingredients) has not been produced from GMO sources and does not contain any genetically modified organisms.
- In compliance with UK law and EU Directive 1999/2/EC, this product has not been treated with ionising radiation and does not contain ingredients that have been treated with ionising radiation.
- In compliance with UK law and EU Regulation (EC) No 1935/2004, packing materials are fit for purpose and where applicable, suitable for contact with food.
- This product also complies with the following legislation and their amendments: (EC) No 396/2005, (EU) No 1169/2011, (EC) No 1881/2006, and all other relevant, current UK & EU laws.
- If any nutritional, dietary suitability or allergen claims are to be made on the product or finished products containing the material as an ingredient, the customer is responsible for ensuring that the claim is suitably risk assessed and validated, including any testing as deemed to be required.
- Products may be subject to sampling by authorities or as part of NUTSINBULK and/or supplier(s) due diligence controls. Appropriate hygiene and sampling procedures are in place to ensure the integrity of the product is maintained. Original seals may be broken and resealed to facilitate this.
- The integrity of the product packaging should not be compromised during routine transportation, storage and handling of the product.
- Depending on the storage conditions, packaging conditions and product nature, this product may be prone to infestation, moisture reabsorption, colour, texture and taste changes over its shelf-life. Products must be stored in compliance with the shelf-life instructions.
- Products may become harder and clump together in cooler storage conditions, this will resolve when the product is brought back to room temperature.
- If shelf-life extension is required, it is the responsibility of the customer to validate the extension and NUTSINBULK accepts no responsibility or liability resulting from the use of the product beyond its original shelf life.
- This is a natural product, and this specification may be subject to regular reviews in line with crop changes.

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PRODUCT SPECIFICATION

For and on behalf of Supplier / Customer

Name	
Position	
Company	
Sign & Date	

Please note that this specification will be considered accepted after three weeks if no signed copy of the specification is received.