



## PRODUCT SPECIFICATION

### PRODUCT INFORMATION

<b>PRODUCT NAME:</b>	Pine Nut Kernels
<b>COMMODITY CODE:</b>	0802905000
<b>PRODUCT GRADE &amp; SIZE:</b>	Count 950 as standard, or as per customer request
<b>PACK SIZE:</b>	25kg (2 x 12.5kg)
<b>BRAND NAME:</b>	N/A
<b>PRODUCT DESCRIPTION:</b>	Pine Nuts (ex <i>Pinus sibirica</i> ) are prepared from the fruit of the Pine tree. They are shelled, cleaned, graded and packed.
<b>COUNTRY OF MANUFACTURE:</b>	China
<b>ISSUE DATE:</b>	(003) 24.03.2023

### PRODUCT COMPOSITION TABLE

Compound Ingredients	% in Mixing Bowl	Additive or Function	Country of Origin	GM status
Pine Nuts	100	Ingredient	China / Russia	Non-GMO
<b>Total</b>	<b>100</b>			

### INGREDIENT DECLARATION

<b>Ingredients (Legal name)</b>	Pine Nuts
---------------------------------	-----------

### ADDITIVE TABLE

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

### MAALLERGEN TABLE

Component	Contains (Yes / No / May Contain)	Allergen processed on the same equipment	Allergen handled on site	Additional information
<b>Cereals containing GLUTEN</b> and products thereof	No	No	No	
<b>EGGS</b> or its derivatives	No	No	No	
<b>FISH</b> or its derivatives	No	No	No	
<b>CRUSTACEANS / SHELLFISH</b>	No	No	No	
<b>MOLLUSCS</b>	No	No	No	
<b>PEANUTS</b> or derivatives	No	No	No	
<b>SOYA BEANS</b> or derivatives	No	No	No	
<b>MILK (LACTOSE)</b> or its derivatives	No	No	No	
<b>NUTS</b> , tree nuts:	No	No	No	
<b>CELERY</b> , including celeriac and its derivatives	No	No	No	
<b>MUSTARD</b> , referring to all parts of the plant and derivatives thereof	No	No	No	
<b>SESAME SEEDS</b> or derivatives	No	No	No	
<b>SULPHITES &gt;10ppm</b> – Sulphite quantity to be given in ppm	No	No	No	
<b>LUPIN</b> seeds or derivatives	No	No	No	

<b>Document Ref:</b> CH-REC 013 PRS	<b>Issue Date:</b> 26.07.2022	<b>Version No:</b> 012	<b>Prepared by:</b> M.Icer	<b>Authorised by:</b> B.Weaire	<b>Page:</b> 1 of 4
--	----------------------------------	---------------------------	-------------------------------	-----------------------------------	------------------------

### 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	Yes	Yes	Yes	Pine Nuts (Ingredient). Pumpkin and Sunflower Seeds handled on the same site.
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:**

### NUTRITIONAL DATA

Nutrient Parameter	Typical value (per 100g)	Source of data
<b>Energy</b> <b>kJ</b>	2840	McCance and Widdowson's CoFID 2021
<b>Energy</b> <b>kcal</b>	688	McCance and Widdowson's CoFID 2021
<b>Protein</b> <b>g</b>	14.0	McCance and Widdowson's CoFID 2021
<b>Total Fat</b> <b>g</b>	68.6	McCance and Widdowson's CoFID 2021
of which saturated <b>g</b>	4.6	McCance and Widdowson's CoFID 2021



## PRODUCT SPECIFICATION

of which mono-unsaturated	g	19.9	McCance and Widdowson's CoFID 2021
of which poly-unsaturated	g	41.1	McCance and Widdowson's CoFID 2021
<b>Total Carbohydrate</b>	<b>g</b>	4.0	McCance and Widdowson's CoFID 2021
of which sugars	g	3.9	McCance and Widdowson's CoFID 2021
of polyols	g	0	McCance and Widdowson's CoFID 2021
of which starch	g	0.1	McCance and Widdowson's CoFID 2021
<b>Salt</b>	<b>g</b>	<0.0125	McCance and Widdowson's CoFID 2021
<b>Dietary Fibre</b>	<b>g</b>	1.9	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
Count (per 100g)	950 ±100 (or as per customer request)
Broken (1/3 – 2/3) kernel (w/w)	1.5%
Pieces (<1/3 kernel) (w/w)	1.5%
Extraneous Vegetable Matter (EVM) (w/w)	0.05%
Stones (per tonne)	1pc Max
Loose shell (per 12.5kg)	10pcs Max
Damage (e.g. shrivelled, discoloured, mouldy etc.) (w/w)	3% Max
<b>Additional Extrinsic Foreign Bodies:</b> None	

### ORGANOLEPTIC PROPERTIES

Appearance	Creamy / yellow, whole seeds of a uniform shape
Texture	Firm, not tough or hard
Flavour & Aroma	Typical of Pine Nuts with no off-flavours or odours

### MICROBIOLOGICAL PARAMETERS

Criteria	Maximum or Range
Aerobic Colony Count	50,000 cfu/g Max.
Total Mould Count	10,000 cfu/g Max.
Total Yeast Count	10,000 cfu/g Max.
Coliforms	1,000 cfu/g Max.
<i>E.coli</i>	<10 cfu/g
Salmonella spp	Absent in 25g

### CHEMICAL PROPERTIES

Criteria	Maximum or Range
Moisture	5% Max
Aflatoxin B1	2ppb Max
Aflatoxin Total	4ppb Max
Peroxide Value (PV)	10 meq/kg Max
Free Fatty Acids (FFA)	3% Max
<b>Additional Chemical Criteria:</b> None	

### SHELF LIFE AND STORAGE CONDITIONS

Shelf life from Production Date: Min. 12 months (under recommended storage conditions)
Shelf life for Opened Product: 1 month (under recommended storage conditions)
Recommended Storage Temperature (°C): Cool, dry storage, ideally 8-12°C
Recommended relative humidity range (%): 65% max

<b>Document Ref:</b> CH-REC 013 PRS	<b>Issue Date:</b> 26.07.2022	<b>Version No:</b> 012	<b>Prepared by:</b> M.Icer	<b>Authorised by:</b> B.Weaire	<b>Page:</b> 3 of 4
--	----------------------------------	---------------------------	-------------------------------	-----------------------------------	------------------------



## PRODUCT SPECIFICATION

### 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 Chelmer Foods Ltd 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.
- This is a natural product, and this specification may be subject to regular reviews in line with crop changes.

### For and on behalf of our supplier

<b>Version</b>	<b>(003) 24.03.2023</b>		
<b>Approval</b>	<b>Technical Preparation</b>	<b>Procurement Review</b>	<b>Technical Authorisation</b>
<b>Name</b>	Melike Icer	James Weaire	Charlotte Simpson
<b>Position</b>	Technical Coordinator	Managing Director	Technical Manager
<b>Date</b>	22.03.2023	24.03.2023	22.03.2023

**⚠️ 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:	NO	NO	NO	NO	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

<b>Document Ref:</b> CH-REC 013 PRS	<b>Issue Date:</b> 26.07.2022	<b>Version No:</b> 012	<b>Prepared by:</b> M.Icer	<b>Authorised by:</b> B.Weaire	<b>Page:</b> 4 of 4
--	----------------------------------	---------------------------	-------------------------------	-----------------------------------	------------------------