

Technical Specification					
Product:	Last Update:	Product Code:			
Diced Chestnut Mushrooms Unblanched 9x9x12MM IQF	31/01/2023	MUS011			

PACK SIZE 1 x 10kg;

ORIGIN: The Netherlands

GENERAL The product shall be prepared from fresh sound raw material that is free from all toxic residues and taints and shall comply with all current UK/EU Food Legislation. The product is intended to be used as ingredient that is further processed and heat-treated before final consumption (minimum of +75°C for 30 seconds).

INGREDIENTS	Chestnut Mushroom	100%	Declare as: Mushroom
	Sulphite (E222) ≤10ppn	n	(Agaricus bisporus)

PROCESSING Mushrooms are delivered fresh to the factory, each load is quality assurance sampled for foreign material and physical defects. The load is then put in a chill store (3°C) before washing, trimming, inspection, dicing and freezing to -18°C or below.

PACKING During packing the mushrooms are inspected before weighing and filling into blue poly lined cartons. The cartons are Best Before and Production date coded, check weighed, metal detected, palletised and stretch-wrapped before being returned to store at - 18°C to await despatch to the UK, at -18°C.

DEFECT TOLERANCES

<u>Per 500g</u>

Clumps Foreign Material EVM Oversize Undersize 3 Nil ≤0.1%w/w 5%w/w 5%w/w

DEFINITIONS OF DEFECTS

<u>Clumps</u>

This is where 3 or more dice are welded together which cannot be readily separated without causing damage to the dice.

Foreign Material

This includes any material other than that derived from the mushroom or defined as EVM, such as insects, pieces of insects, wood, glass, stones, metal, paint, grease, oil, foreign vegetable material or any other material which would render the product unacceptable.

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EVM

This includes any free vegetable matter which is derived from the mushroom (eg. root-like hyphae) as well as peat.

Oversize

These are mushroom dice measuring greater than 15mm in any dimension.

<u>Undersize</u>

These are mushroom dice measuring less than 5mm in any dimension.

ORGANOLEPSIS (Carried out on a thawed sample.)

- <u>COLOUR</u> Brown coloured mushrooms. There may be very slight nonuniformity in colour amongst the mushrooms.
- **FLAVOUR** Full characteristic chestnut mushroom flavour. May be slightly earthy, with no harsh flavours.

TEXTURE Uniformly firm and tender, yielding to the bite.



Average sample

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MICROBIOLOGICAL

Organism	Target	Maximum
T V C @ 30°C	5 x 10⁵	5 x 10 ⁶
Total Coliforms	5 x 10 ³	5 x 10 ⁴
E. coli	1 x 10 ¹	1 x 10 ²
Listeria mono	Absent in 25g	1 x 10 ²
Salmonella	Absent in 25g	Absent in 25g

ANALYTICAL SO₂ levels shall be no greater than 10ppm.

WEIGHT CONTROL The product shall be packed to minimum weight.

METAL DETECTION All cartons shall be passed through a metal detector. The system shall be tested at least every 2 hours using ferrous, non-ferrous and stainless-steel test pieces.

BEST BEFORE DATE The product shall be twenty-four months following the month of packing. Minimum BB date on delivery: 6 months.

TRACEABILITY INFO Production date or Lot number printed on the label as well as customer order number and/or delivery date.

STORAGE CONDITIONS Keep frozen at - 18°C at all times.

<u>CARTON LINERS</u> Blue food grade polythene liner of a minimum thickness of 30µm.

<u>CARTONS</u> Corrugated fibreboard of glued construction, no metal staples to be used. Shall be sealed using blue adhesive tape.

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NUTRITIONAL INFORMATION

This data conforms to the requirements of EC Council Directive 90/496/EEC

100g of uncooked mushroom typically contains: -

Parameter	Value / 100g	Methodology
Energy - kcal	13	McCance & Widdowson 6 th Edition
Energy - kJ	55	McCance & Widdowson 6 th Edition
Moisture	92.6g	McCance & Widdowson 6 th Edition
Carbohydrate	0.4g	McCance & Widdowson 6 th Edition
- as sugars	0.2g	McCance & Widdowson 6 th Edition
- as polyols	0.0g	McCance & Widdowson 6 th Edition
- as starch	0.2g	McCance & Widdowson 6 th Edition
Fat	0.5g	McCance & Widdowson 6 th Edition
- as saturates	0.1g	McCance & Widdowson 6 th Edition
- as mono unsaturates	0.0g	McCance & Widdowson 6 th Edition
- as poly unsaturates	0.3g	McCance & Widdowson 6 th Edition
Protein	1.8g	McCance & Widdowson 6 th Edition
Fibre	1.1g	McCance & Widdowson 6 th Edition
Sodium	5mg	McCance & Widdowson 6 th Edition
Vitamin A	Оµg	McCance & Widdowson 6 th Edition
Vitamin B ₆	0.18mg	McCance & Widdowson 6 th Edition
Vitamin B ₁₂	Ομg	McCance & Widdowson 6 th Edition
Vitamin C	1mg	McCance & Widdowson 6 th Edition
Vitamin D	Ομg	McCance & Widdowson 6 th Edition
Vitamin E	0.12g	McCance & Widdowson 6 th Edition
Thiamin	0.9mg	McCance & Widdowson 6 th Edition
Riboflavin	0.31mg	McCance & Widdowson 6 th Edition
Niacin	3.2mg	McCance & Widdowson 6 th Edition
Folic Acid	44µg	McCance & Widdowson 6 th Edition
Biotin	12.0µg	McCance & Widdowson 6 th Edition
Pantothentic Acid	2.0µg	McCance & Widdowson 6 th Edition
Calcium	6mg	McCance & Widdowson 6 th Edition
Phosphorus	80mg	McCance & Widdowson 6 th Edition
Iron	0.6mg	McCance & Widdowson 6 th Edition
Magnesium	9mg	McCance & Widdowson 6 th Edition
Zinc	0.4mg	McCance & Widdowson 6 th Edition
lodine	Зµg	McCance & Widdowson 6 th Edition
Potassium	320mg	McCance & Widdowson 6 th Edition

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GMO DECLARATION

I confirm that this product is not genetically modified or produced from genetically modified organisms. No genetically modified organisms have been used as processing aids or additives. This product does not require specific GM labelling as per Regulation (EC) 1829/2003.

Name: Gianluca Oberto Signature: Job Title: Technical Manager

Date: 31st January 2023

IRRADIATION POLICY

I confirm that the product supplied by Foodnet Limited under this specification has not undergone any irradiation treatment or process. I further confirm that no ingredient or processing aid used in conjunction with this product has undergone irradiation treatment.

Name: Gianluca Oberto

Signature:

Job Title: Technical Manager

Date: 31st January 2023

COSHH Data

Treat as you would any frozen material i.e. if engaged in prolonged handling of the fruit wear gloves.

Care should be used when lifting full cases of frozen fruits.

There are no other perceived COSHH implications regarding the use of frozen fruits.

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FOOD INTOLERANCE

Allergen	NO / YES	Reason for presence if YES
lk & Milk Derivatives	NO	
& Egg Derivatives	NO	
imal Products (*)	NO	
h/Shellfish/Crustations/Molluscs	NO	
reals (**)	NO	
uten	NO	
ast/Yeast Extract	NO	
ya/Soya Derivatives	NO	
uit & Fruit Derivatives	NO	
ef & Beef Products	NO	
rk & Pork Products	NO	
mb & Lamb Products	NO	
ultry & Poultry Products	NO	
gumes	NO	
anuts	NO	
lphite >10ppm	NO	
SG	NO	
IA / BHT	NO	
nzoates	NO	
utamates	NO	
o & Coal Tar Dyes	NO	
lded Colour	NO	
lded Flavour	NO	
eservatives	NO	
ntioxidants	NO	
lded Salt	NO	
ıts/Nut Oils	NO	
ffeine	NO	
same Products	NO	
arlic	NO	
ppy Seeds	NO	
ustard	NO	
lery/Celeriac	NO	
pins	NO	
ncluding any product derived from	slaughtered an	imals, e.g. gelatine, rennet
ncluding wheat, corn, barley, rye,	-	

Is this product Su	Is this product Suitable for:						
Vegans	Yes (Not certified)	Vegetarians	Yes	Organic	No		
Halal	Yes (Not certified)	Kosher	Yes (Not certified)				

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FOOD ADDITIVES

E. Number	Name	In Which Ingredient	Function in Ingredient	Function in Final Product	% In Final Product
E222	Sulphite	Mushroom	Colour preservative	Colour Preservative	≤10ppm

THE CONTENTS OF THIS SPECIFICATION ARE CONFIDENTIAL TO FOODNET LTD AND THE CUSTOMER, AND MAY NOT BE DISCLOSED TO ANY OTHER PARTY.

Signed on behalf of Foodnet Ltd:

Name: Gianluca Oberto

Signature:

Job Title: Technical Manager

Date: 31st January 2023

Signed on behalf of the Customer:

Name:

Signature:

Job Title:

Date:

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PROCESS INFORMATION

PROCESS FLOW CHART*

*Note: this is a generic flow chart which does not refer to any specific production site.

DICED MUSHROOMS

Delivery \rightarrow Q.C. Sampling \downarrow Chill Store \rightarrow 3°C Grading \downarrow Inspection \downarrow Washing \downarrow Dicing \downarrow Inspection \downarrow $\mathrm{Holding} \to 3^{\mathrm{o}}\mathrm{C}$ $\mathrm{Freezing} \rightarrow \mathrm{-18^{o}C} \ \mathrm{QA} \ \mathrm{Check}$ Grading \downarrow Carton Fill \rightarrow QA Check \downarrow Check Weigh \downarrow Metal Detection \rightarrow QA Check \downarrow Palletise ╷ Cold Storage \rightarrow -18°C \downarrow Despatch \rightarrow -18°C

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Issues & Amendments

lssue N°	Amend. N°	Date	Amendments	Compiled by
1	1	01/02/2016	New entry	G. Oberto
			Defect tolerances – minimum ref samples; Reviewed BB and Traceability info. Added Storage Conditions.	
2	1	01/05/2017	Reviewed Food Intolerance table, Flow Chart and Amendment table.	G. Oberto
3	1	31/01/2020	3 Year update – general revision	G. Oberto
4	1	31/01/2023	3 Year update – general revision	F. Soares

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