



Head Office: The Old Grammar School, 3-7 Market Square, Amersham, Bucks. HP7 0DF
Tel: (44) 1494 434600 Email: foodnettechnical@foodnet.ltd.uk

Technical Specification		
Product: Diced Tomato 20mm Skin On IQF	Last Update: 31/01/2023	Product Code: TOM003

PACK SIZE 1 x 10kg;

ORIGIN: Spain, Turkey

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 Tomato 100% Declare as: Tomatoes
(*Lycopersicon lycopersicum* var. *cerasiforme*)

PROCESSING The tomatoes are delivered and inspected upon receipt. During processing the tomatoes are inspected, washed, diced, inspected, frozen (-18°C or below) and stored in bulk at -23°C or below until required for packing.

PACKING During packing, the tomatoes are inspected before weighing and filling into blue poly lined cartons. The cartons are Best Before and Production date coded, checkweighed and 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

Per 500g

Clumps	5% w/w
Foreign Material	Nil
EVM	1
Major Blemish	3
Minor Blemish	8
Stem Hole	5%w/w
Colour Variants	5% w/w
Undersize <14mm	15% w/w
Oversize >30mm	10% w/w

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DEFINITIONS OF DEFECTS

Clumps

These are where three or more dices are frozen together which cannot be readily separated without causing damage to the dice.

Foreign Material

This includes any material not derived from the tomato plant nor defined as EVM, such as insects, pieces of insects, wood, glass, stones, metal, sand, grit, plastic or any other material which will render the product unacceptable.

Extraneous Vegetable Matter (EVM)

Vegetable material derived from the tomato plant other than the tomato flesh e.g. pieces of leaf, stalk, calyx etc. Vegetable material not from the tomato plant will be counted as Foreign Material.

Major Blemish

This includes tomato dice that are blemished to the extent that the area affected is greater than 6mm in diameter, either as a single blemish or an aggregate of blemishes on the same dice.

Minor Blemish

This includes tomato dice that are blemished to the extent that the area affected is between 2mm and 6mm in diameter, either as a single blemish or an aggregate of blemishes on the same dice. Blemishes less than 2mm in diameter shall be ignored.

Stem Hole

This includes black scar marks left where water has collected round the point where the calyx joins the tomato.

Colour Variants

This includes dices that are not a true varietal colour, i.e. yellow or green.

Undersize

These are dices that are less than 14mm long.

Oversize

These are dices that are greater than 30mm long.

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ORGANOLEPSIS (Carried out on a thawed sample.)

COLOUR Uniform orange/red colour, typical of the variety.

FLAVOUR Full characteristic sweet tomato flavour, typical of the variety.

TEXTURE Fairly uniform, flesh may be slightly soft, skins may be slightly tough.



Average sample

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MICROBIOLOGICAL

Organism	Target	Maximum
<i>TVC @ 30°C</i>	1×10^5	1×10^6
<i>Total Coliforms</i>	1×10^3	1×10^4
<i>E. coli</i>	1×10^1	1×10^2
<i>Listeria mono</i>	Absent in 25g	1×10^2
<i>Salmonella</i>	Absent in 25g	Absent in 25g

ANALYTICAL N/A – Un-blanché product.

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.

CARTON LINERS Blue food grade polythene liner of a minimum thickness of 30µm.

CARTONS 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 tomatoes typically contains: -

Parameter	Value / 100g	Methodology
Energy - kcal	17	McCance & Widdowson 6 th Edition
Energy - kJ	73	McCance & Widdowson 6 th Edition
Moisture	93.1g	McCance & Widdowson 6 th Edition
Carbohydrate	3.0g	McCance & Widdowson 6 th Edition
- as sugars	3.0g	McCance & Widdowson 6 th Edition
- as polyols	0.0g	McCance & Widdowson 6 th Edition
- as starch	Trace	McCance & Widdowson 6 th Edition
Fat	0.3g	McCance & Widdowson 6 th Edition
- as saturates	0.1g	McCance & Widdowson 6 th Edition
- as mono saturates	Trace	McCance & Widdowson 6 th Edition
- as poly unsaturates	0.2g	McCance & Widdowson 6 th Edition
Protein	0.7g	McCance & Widdowson 6 th Edition
Fibre	1.0g	McCance & Widdowson 6 th Edition
Sodium	9mg	McCance & Widdowson 6 th Edition
Vitamin A	107µg	McCance & Widdowson 6 th Edition
Vitamin B ₆	0.14mg	McCance & Widdowson 6 th Edition
Vitamin B ₁₂	0.0mg	McCance & Widdowson 6 th Edition
Vitamin C	17mg	McCance & Widdowson 6 th Edition
Vitamin D	0.0µg	McCance & Widdowson 6 th Edition
Vitamin E	1.22mg	McCance & Widdowson 6 th Edition
Thiamin	0.09mg	McCance & Widdowson 6 th Edition
Riboflavin	0.01mg	McCance & Widdowson 6 th Edition
Niacin	1.0mg	McCance & Widdowson 6 th Edition
Folic Acid	17µg	McCance & Widdowson 6 th Edition
Biotin	1.5µg	McCance & Widdowson 6 th Edition
Pantothenic Acid	0.25mg	McCance & Widdowson 6 th Edition
Calcium	7.0mg	McCance & Widdowson 6 th Edition
Phosphorus	24mg	McCance & Widdowson 6 th Edition
Iron	0.5mg	McCance & Widdowson 6 th Edition
Magnesium	7.0mg	McCance & Widdowson 6 th Edition
Zinc	0.1mg	McCance & Widdowson 6 th Edition
Iodine	2.0µg	McCance & Widdowson 6 th Edition
Potassium	250mg	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

Job Title: Technical Manager

Signature: 

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

Job Title: Technical Manager

Signature: 

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

Food Intolerance Data					
Does the material supplied contain any of the following? (NO) Absent, (YES) Present					
Allergen	NO / YES		Reason for presence if YES		
Milk & Milk Derivatives	NO				
Egg & Egg Derivatives	NO				
Animal Products (*)	NO				
Fish/Shellfish/Crustations/Molluscs	NO				
Cereals (**)	NO				
Gluten	NO				
Yeast/Yeast Extract	NO				
Soya/Soya Derivatives	NO				
Fruit & Fruit Derivatives	NO				
Beef & Beef Products	NO				
Pork & Pork Products	NO				
Lamb & Lamb Products	NO				
Poultry & Poultry Products	NO				
Legumes	NO				
Peanuts	NO				
Sulphite >10ppm	NO				
MSG	NO				
BHA / BHT	NO				
Benzoates	NO				
Glutamates	NO				
Azo & Coal Tar Dyes	NO				
Added Colour	NO				
Added Flavour	NO				
Preservatives	NO				
Antioxidants	NO				
Added Salt	NO				
Nuts/Nut Oils	NO				
Caffeine	NO				
Sesame Products	NO				
Garlic	NO				
Poppy Seeds	NO				
Mustard	NO				
Celery/Celery	NO				
Lupins	NO				
*Including any product derived from slaughtered animals, e.g. gelatine, rennet					
**Including wheat, corn, barley, rye, oats, etc.					
<u>Please be aware the manufacturing sites we supply this item from may handle allergens in production. Procedures are in place to prevent cross-contamination.</u>					
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
None					

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

Job Title: Technical Manager

Signature: 

Date: 31st January 2023

Signed on behalf of the Customer:

Name:

Job Title:

Signature:

Date:

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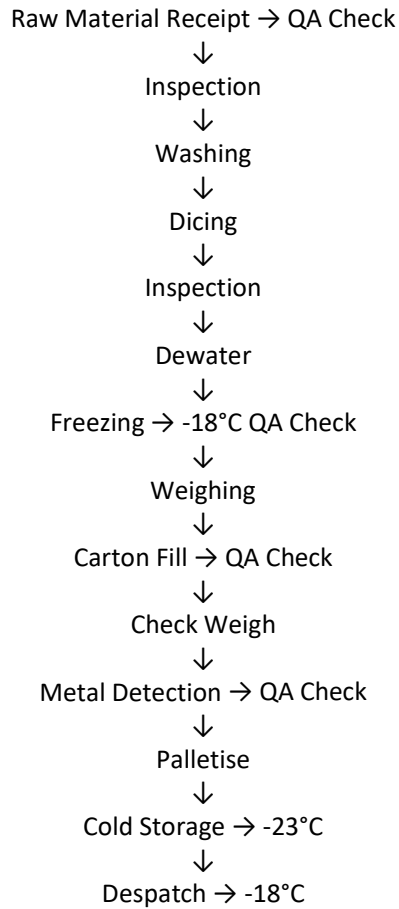
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PROCESS INFORMATION

PROCESS FLOW CHART*

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

DICED TOMATOES



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Issues & Amendments

Issue N°	Amend. N°	Date	Amendments	Compiled by
1	1	01/02/2016	New entry	G. Oberto
2	1	01/05/2017	Defect tolerances – minimum ref samples; Reviewed BB and Traceability info. Added Storage Conditions. 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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