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

Technical Specification		
Product: Red Chilli Puree Tablet IQF	**Last Update:** 31/01/2023	**Product Code:** CHI008

PACK SIZE 1 x 10kg;

ORIGIN: China

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 Red Chillies 100% Declare as: Red Chillies *(Capsicum frutescens)*

PROCESSING The chillies are delivered and held in chilled store at 2°C until required for processing. During processing the chillies are inspected, washed, chopped, inspected, pureed, poured into moulds, inspected and frozen (-18°C or below) and stored in bulk at –23°C or below.

PACKING During packing the chilli puree tablets 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

Per 1000g	**Maximum**
Foreign Material	Nil
EVM	1
Damaged Tablet	5% w/w

DEFINITIONS OF DEFECTS

Foreign Material
This includes any material not derived from the chilli plant or 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 chilli plant other than the chilli flesh e.g. pieces of leaf etc but does not include seeds. Vegetable material not from the chilli plant will be counted as Foreign material.

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Damaged Tablet
These are tablets that are less than half the original size.

ORGANOLEPSIS (Carried out on a thawed sample.)

COLOUR Fairly bright red but may be slightly non-uniform. Visible seeds.

FLAVOUR Have a heat/pungency rate of 1000-2500 SCU's.

TEXTURE Fairly uniform, perceivable seeds.

Average Sample

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MICROBIOLOGICAL

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

ANALYTICAL N/A - unblanched

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 red chillies typically contains: -

Parameter	Value / 100g	Methodology
Energy - kcal	40	USDA Database Release 1 April 2018
Energy - kJ	166	USDA Database Release 1 April 2018
Moisture	88.02g	USDA Database Release 1 April 2018
Carbohydrate	8.81g	USDA Database Release 1 April 2018
- as sugars	5.30g	USDA Database Release 1 April 2018
- as polyols	Trace	USDA Database Release 1 April 2018
- as starch	Trace	USDA Database Release 1 April 2018
Fat	0.44g	USDA Database Release 1 April 2018
- as saturates	0.042g	USDA Database Release 1 April 2018
- as mono unsaturates	0.024g	USDA Database Release 1 April 2018
- as poly unsaturates	0.239g	USDA Database Release 1 April 2018
Protein	1.87g	USDA Database Release 1 April 2018
Fibre	1.5g	USDA Database Release 1 April 2018
Sodium	9mg	USDA Database Release 1 April 2018
Vitamin A	952IU	USDA Database Release 1 April 2018
Vitamin B6	0.506mg	USDA Database Release 1 April 2018
Vitamin B12	0.0mg	USDA Database Release 1 April 2018
Vitamin C	143.7mg	USDA Database Release 1 April 2018
Vitamin D	0.0µg	USDA Database Release 1 April 2018
Vitamin E	0.69mg	USDA Database Release 1 April 2018
Thiamin	0.072mg	USDA Database Release 1 April 2018
Riboflavin	0.086mg	USDA Database Release 1 April 2018
Niacin	1.244mg	USDA Database Release 1 April 2018
Folic Acid	0µg	USDA Database Release 1 April 2018
Biotin	0.0µg	USDA Database Release 1 April 2018
Pantothentic Acid	0.201mg	USDA Database Release 1 April 2018
Calcium	14mg	USDA Database Release 1 April 2018
Phosphorus	43mg	USDA Database Release 1 April 2018
Iron	1.03mg	USDA Database Release 1 April 2018
Magnesium	23mg	USDA Database Release 1 April 2018
Zinc	0.26mg	USDA Database Release 1 April 2018
Iodine	3.0µg	USDA Database Release 1 April 2018
Potassium	322mg	USDA Database Release 1 April 2018

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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/Celeriac	NO	
Lupins	NO	

*Including any product derived from slaughtered animals, e.g. gelatine, rennet
**Including wheat, corn, barley, rye, oats, etc.

Please be aware the manufacturing sites we supply this item from may handle allergens in production. Procedures are in place to prevent cross-contamination.

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

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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PROCESS INFORMATION

PROCESS FLOW CHART*

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

CHILLI PUREE

Raw Material Receipt → QA Check
↓
Selection
↓
Washing
↓
Dewatering
↓
Inspection & Selection
↓
Pureeing
↓
Putting into moulds
↓
Freezing → -18°C QA Check
↓
Inspection
↓
Weighing
↓
Carton Fill → QA Check
↓
Check Weigh
↓
Metal Detection → QA Check
↓
Palletise
↓
Cold Storage → -18°C
↓
Despatch → -18°C

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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