



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

Section A – Supplier Details

Registered Address: Proper Cornish Ltd Western House Lucknow Road Bodmin Cornwall PL31 1EZ Tel: 01208 265830 Fax: 01208 78713 E-mail: propercornish@propercornish.co.uk Website: www.propercornish.co.uk	Manufacturing Address: Proper Cornish Ltd 19 Paardeberg Road Bodmin Cornwall PL31 1EY (all other details the same)
Technical Contact Name	David Rowe
Technical Telephone No.	01208 261318
Technical Email Address	david.rowe@propercornish.co.uk
Commercial Contact Name	David Jeffs
Commercial Telephone No.	01208 261302
Commercial Email Address	david.jeffs@propercornish.co.uk

Section B – General Product Information

Product Title:	Lamb and Mint Pasty 283g
Product Description:	Minced lamb mixed with fresh potato, onion, and swede, flavoured with mint and encased in a glazed, hand crimped pastry case and frozen unbaked.
Product Code:	48044
Product Type:	Uncooked Frozen
Product Marking:	2 Knife Marks
Factory Licence No:	UK CQ515 EC

Quality standard	Originated by: Sue Dee	Date issued: 24/01/2014	Authorized by: David Rowe
------------------	------------------------	-------------------------	---------------------------



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

SECTION C - Compound Ingredient Information

Ingredient	Breakdown	Position In Ingredient Ranking
WHEAT Flour	WHEAT Flour, Calcium Sulphate, Calcium Carbonate, Iron, Nicotinamide, Thiamine	1
Vegetable Margarine	Palm, Rapeseed and Sunflower Oils), Water, Salt, Lemon Juice	6
White Shortening	Palm Oil, Water, Rapeseed Oil, Sunflower Oil, Salt, Lemon Juice	8
Pastry Glaze	Water, MILK Proteins, Dextrose, Rapeseed Oil	9

Ingredients in Descending Order: (based on uncooked product)

WHEAT Flour (**WHEAT** Flour, Calcium Sulphate, Calcium Carbonate, Iron, Nicotinamide, Thiamine), Lamb (13%), Potato, Onion, Swede, Vegetable Margarine [(Palm, Rapeseed and Sunflower Oil), Water, Salt, Lemon Juice], Water, White Shortening (Palm Oil, Water, Rapeseed Oil, Sunflower Oil, Salt, Lemon Juice), Glaze (Water, **MILK** Proteins, Dextrose, Rapeseed Oil), Salt, Mint (0.1%)

Allergy Advice: For allergens, including cereals containing gluten, see ingredients in **BOLD TEXT**

Quality standard	Originated by: Sue Dee	Date issued: 24/01/2014	Authorized by: David Rowe
------------------	------------------------	-------------------------	---------------------------



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

SECTION D - Recipe Details

Ingredients listed in descending order.

INGREDIENT	SUPPLIER (See Proper Cornish Approved Suppliers List)	TEST	FREQUENCY	STANDARD	REJECT
Pastry					
Wheat Flour	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Vegetable Margarine	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Water	South West Water	In-house Swab Tests Micro Testing	Monthly Quarterly	Conformance to RM specification	Out of specification Inform SW Water
White Shortening	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Salt	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Filling					
Lamb	PC Approved	See PC Raw material intake procedure Temperature check	Every Delivery	Conformance to RM specification 0oC – 5oC	
Potato	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Onion	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Swede	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Salt	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Mint	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Glaze	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification
Glaze	PC Approved	See PC Raw Materials Intake Procedure	Every Delivery	Conformance to RM specification	Out of specification



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

SECTION E – Physical Properties

Pack Size:	20
Declared Product Weight:	283g
Storage & Temperature Instructions	Keep frozen, store at -18°C. Do not re-freeze after thawing. Use within durability date. Handle boxes with care. Do not stack boxes more than 10 high
Cooking/Heating Guidelines	Oven – Arrange frozen products on a baking tray and place into a pre-heated oven at 200°C/Gas mark 6. Bake for approximately 40-45 minutes until golden brown. Ensure product is piping hot before serving. (Adjustments may need to be made to suit particular ovens, see manufacturer’s handbook for best results).
Legal Minimum Meat Content:	13% (Based on uncooked product)

Physical Attributes:

Description	Deposit Weight + tolerance (g)	Percentage
Pastry	145g ± 5g	51%
Filling	138g ± 5g	49%
Total Weight Unbaked	283g ± 10g	
Glaze	2g approx.	

SECTION F – Dietary and Allergy Data

FREE FROM	YES / NO	Declared on Label
Egg & Egg Derivatives	Yes	No
Milk & Milk Derivatives	No	Yes
Lactose	No	No
Wheat & Wheat Derivatives	No	Yes
Maize & Maize Derivatives	Yes	No
Gluten Or Cereals Containing Gluten	No	Yes
Soya & Soya Derivatives	Yes	No
Additives And Processing Aids	Yes	No
Artificial Colours	Yes	No
Azo & Coal Tar Dyes	Yes	No
All Added Colours	Yes	No
Benzoates	Yes	No
Bha/Bht (E320/321)	Yes	No
Artificial Flavours	Yes	No

Quality standard	Originated by: Sue Dee	Date issued: 24/01/2014	Authorized by: David Rowe
------------------	------------------------	-------------------------	---------------------------



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

All Preservatives	Yes	No
Sulphur Dioxides Or Sulphites (>10mg/Kg)	Yes	No
Glutamates	Yes	No
Aspartame	Yes	No
Yeast & Yeast Derivatives	Yes	No
Nuts & Nut Derivatives	Yes	No
Sesame Seeds & Derivatives	Yes	No
Fruit & Fruit Derivatives	No	Yes
Vegetable & Vegetable Derivatives	No	Yes
Mustard	Yes	No
Celery Or Celery Derivatives	Yes	No
Celeriac And Celeriac Derivatives	Yes	No
Fish (Excluding Shellfish) And Fish Derivatives	Yes	No
Crustaceans, Molluscs & Their Derivatives	Yes	No
Fish Oils	Yes	No
Beef (non UK)	Yes	No
Beef (UK Origin)	Yes	No
Pork	Yes	No
Lamb	No	Yes
Gelatine	Yes	No

Suitable for	Yes	No
Vegetarians		✓
Vegans		✓

SECTION G – NUT STATEMENTS

There are no nuts in this recipe and there are no nuts on site, however we cannot guarantee that the raw materials entering the site are nut free.

Declared on the label? No

SECTION H - Genetically Modified Ingredients

	YES	NO
Does the product contain any genetically modified ingredients		✓
Does the product contain any ingredients derived from a genetically modified source		✓
Is I.P Certification available for this product?		✓

SECTION I - Shelf Life, Storage & Delivery

Shelf Life (maximum & minimum)	Maximum – 18 months Minimum – 12months
Shelf life upon opening	As above if kept frozen
Storage Temp (°C)	<-18°C
Handling Requirements	None



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

SECTION J - Organoleptic Description (Baked Product)

Appearance	<p>Pastry – A Cornish pasty should be a circle of pastry, folded to form a semi-circular shape and sealed with a rope effect on the curved edge. They are hand-finished products, which should be uniformed in shape but not cloned.</p> <p>The crimp should be of an even thickness around the edge and not across the top. The crimp should be neat with clear definitions and tightly rolled to enclose both edges of the pastry. The tail end of the crimp should be small, neat and pressed down firmly to seal.</p> <p>The lamb and mint pasties have 2 knife marks in the centre of the product to allow steam and cooking juices to escape. Some gravy staining may occur around the markings and from small breaches in the crimp.</p> <p>Filling - The filling is closely bound and greyish in colour with off white potatoes and dark flecks of mint.</p>
Texture	<p>Pastry - The pastry displays characteristics of flaky and short crust pastry.</p> <p>Filling – The vegetables retain some bite, the meat is minced and will have some resistance.</p>
Flavour	Lamb meat flavour with fairly strong tones of mint.
Aroma	Meaty and minty, reminiscent of a roast lamb dinner.

SECTION K - Nutritional Information

Nutrient		Per 100g/ml	Per Unit (255g cooked)	Declared on Pack	Data Source
Energy	(K/J)	939	2395	No	Nutricalc
Energy	(k/cal)	225	573	No	Nutricalc
Fat	(g)	11.8	30.2	No	Nutricalc
-of which saturates	(g)	6.2	15.8	No	Nutricalc
Carbohydrate	(g)	22.9	58.3	No	Nutricalc
-of which sugars	(g)	1.6	4.0	No	Nutricalc
Protein	(g)	6.2	15.9	No	Nutricalc
Salt	(g)	0.7	1.8	No	Nutricalc

SECTION L – Microbiological

Quality standard	Originated by: Sue Dee	Date issued: 24/01/2014	Authorized by: David Rowe
------------------	------------------------	-------------------------	---------------------------



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

TEST	TARGET		REJECT	
	Baked	Unbaked	Baked	Unbaked
<i>Escherichia coli</i> Type 1	Absent in 1g	Absent in 1g	10cfu/g	100cfu/g
VTEC (if required)	Absent in 25g	Absent in 25g	Absent in 25g	Absent in 25g
<i>Staphylococcus</i> (coagulase positive)	10cfu/g	Absent in 1g	100cfu/g	100cfu/g
<i>Salmonella</i> /25g	Absent in 50g	Absent in 50g	Absent in 50g	Absent in 50g
<i>Clostridium perfringens</i>	10cfu/g	10cfu/g	100cfu/g	10 ³ cfu/g
<i>Bacillus cereus</i>	10cfu/g	Not tested	100cfu/g	Not tested

SECTION M – Quality Checks & Foreign Body Detection Methods

Test	Frequency		Parameters
Raw Material Assessment	All deliveries	Temperature No contamination Meets specification	Frozen <-18°C No tolerance No tolerance
Process Control	Every 30 mins on all lines	Temperature Weights Meets specification	As stated in HACCP ANALYSIS
Metal Detection	Every 30 mins	All products	2mm Ferrous 2.5mm non-Ferrous 2.5mm SS
Sieving	All flour	From bag	No contamination-reject
Glass Policy/Audit	Daily/Weekly -Dependant on risk assessment	All glass and brittle materials	No tolerances -reject

SECTION N - Packaging Information

Component	Outer Case	Lining Paper	Label	Tape
Material	Brown Cardboard Box	Silicon	Paper	Plastic Tape
Specification	507x197x169mm		250x100mm	
Primary / transit	Secondary	Secondary	Secondary	Secondary
Component weight / per case (g)	262g	9g	2g	3g

Pallet type	Wooden Pallet
No. of Retail Units per Crate / Case	20
No. of Crates / Cases per pallet Layer	12
No. of Layers per Pallet	7
No. of Crates / Cases per pallet	84
Clearly state how the pallet/shipper/dolly will be wrapped or stabilised during transit	Pallet Wrap

Quality standard	Originated by: Sue Dee	Date issued: 24/01/2014	Authorized by: David Rowe
------------------	------------------------	-------------------------	---------------------------



**PROPER CORNISH LTD
FINISHED PRODUCT SPECIFICATION
(FROZEN PRODUCTS)**

QA-090A/4

SECTION O – HACCP FLOW DIAGRAM

Refer to HACCP Document QA-12A

Scope and Applicability: This Specification confirms the standards adhered to by Proper Cornish for the product named as such. It is intended to provide authoritative and accurate information regarding composition. Processing, packaging, storage, consumer handling and the supplying company's control procedures and standards as they relate to product safety and quality. The specification thus provides an audit standard against which the conformance of the product may be judged and is intended to provide evidence of due diligence in relation to the Food Safety Act 1990.

Authorised on behalf of Proper Cornish by

Name: David Rowe

Position: Group Technical Manager

Date of Issue: 01/08/2014

Signature:

A handwritten signature in black ink, appearing to read 'D Rowe', written over a horizontal line.

Issue No: 5