



Family cheese makers since 1934

PRODUCT SPECIFICATION FOR:

Grandma Singletons Oak Smoked Cheese

LEGAL NAME: Cheddar

Date of Issue: 23/01/2012



MANUFACTURED BY: Singletons Dairy Ltd



Singletons Dairy Ltd
Mill Farm
Preston Road
Longridge
PR3 3AN
01772 782112

Version 1

SINGLETONS PROVENANCE

Singletons Dairy Ltd is now into its 4th generation of family management. Cheeses are made in our PDO dairy using traditional methods of cheese making, maturation, and blending. Manufactured, stored and packed on site our dedicated team along with an independent grader, grade the product through the process of maturation only releasing for sale when the body, texture and flavour profiles meet with the high standard of specification. Only the finest and freshest ingredients are used

PRODUCT PROVENANCE

Medium Cheddar cheese naturally smoked to give it a nice oak smoked smell and taste.

Country of Origin / Manufacture: UK

(1) PRODUCT ATTRIBUTES:

- **Appearance:** Hard with a even coating of natural oak smoke
- **Body/Texture:** Hard firm bodied
- **Colour:** Brown rind effect
- **Taste:** Smoked Cheddar
- **Mouth feel:** Smooth
- **Age at Despatch:** 6 months

(2) INGREDIENTS (raw materials):

Raw Material:	Ingredient:
Cow's Milk	98.4%
Salt	1.6%
Microbial Rennet	Trace
Starter Culture	Trace

- ### **(3) PROCESS DETAILS:** Made from pasteurised cow's milk. Pasteurised to a minimum of 71.9°C for 15 seconds. All operations meet UK and EC food industry legislation, including EC Regulation No 852/2004, EC Regulation No 178/2002, The Food Hygiene (England) Regulations 2006, The Food Safety Act 1990 incorporating HACCP.

The curd is pressed into moulds, vacuum packed and matured.

(4) METAL DETECTION:

Dairy Packing	5.0mm ferrous	5.0mm non ferrous	6.0mm stainless steel
Bulk Packing	2.0mm ferrous	3.5mm non ferrous	5.0mm stainless steel
Parchment Line	2.0mm ferrous	3.0mm non ferrous	4.0mm stainless steel
Cubing Line	2.0mm ferrous	3.0mm non ferrous	4.0mm stainless steel
Slicing Line	2.0mm ferrous	3.0mm non ferrous	4.0mm stainless steel
Grating Line	3.0mm ferrous	4.0mm non ferrous	5.0mm stainless steel

(5) **FINISHED PRODUCT STANDARDS:**

(a) **CHEMICAL:**

	Min	Max
pH	5	6
Moisture %		39
Fat in Dry Matter %	48	56
Salt	1.4	2.0

(b) **MICROBIOLOGICAL: Hard Cheese**

cfu/g	LIMIT	METHODS
E. Coli	<100 Cfug	Evaluation of Oxoid Selective E-coli/Coliform Chromagenic Medium using pure cultures. Baylis C, Green R, Presland F, Baalham T, CCFRA.
Staph. Aureus	<20 Cfug	BS EN ISO 6888-1:1999 Microbiology of food and animal feeding stuffs.
Yeast & Mould	<10⁴ Cfug	In house method. PHLS Practical Food Microbiology 3rd Edition, Edited by D.Roberts and M.Greenwood 2003 Blackwell Publishing.
Listeria spp. In 25g	Absent in 25g	FDA Bacteriological Analytical Manual online Jan 2001.
Salmonella spp. In 25g	Absent	Based on : BS EN ISO 6579:2002 + A1:2007.
Coliforms	<10³ Cfug	Oxoid Manual online: Brilliance E.coli / Coliform Selective Agar CM1046. Evaluation of Oxoid Selective E.coli/Coliform Chromogenic Medium Using Pure Cultures. Baylis C, Green R, Presland F, Baalham T. CCFRA. Oxoid Folio 866 - July 2003.

(6) **NUTRITIONAL INFORMATION PER 100g**

	Per 100g	%
Energy	kj	1708
	kcal	412
Protein, g	25g	25
Carbohydrate, g	0.1g	0
Of which is sugars	0.1g	0
Fat, g	34g	34
Of which saturates	22g	22
Monosaturates	9g	9
Polyunsaturated	1g	1
Fibre	0g	0
Sodium	670mg	Trace
Vitamin A	336µ	Trace
Riboflavin	0.42mg	Trace
Calcium	740mg	Trace
Potassium	79mg	Trace
Cholesterol	100mg	Trace

(7) PACKAGING AND PALLETISATION:

Size	Case size	Barcode Unit	Barcode Case	Packaging Weight	Case Weight	Case Dimensions	Unit Dimensions	Cases per layer	Layers per pallet	Cases per pallet	Microns
1.1kg	2 x 1.1kg	5021294104668	05021294204672	Shrink Bag 12g	Box 124g	235mm x 235mm x 85mm	210mm x 105mm x 55mm	20	15	300	52
200g	10 x 200g	5021294105764	05021294105771	3g	99g	255mm x 100mm x 103mm	90mm x 90mm x 20mm	41	10	410	52

(8) RECOMMENDED MAXIMUM SHELF LIFE FROM DATE OF PACKING:

- 12 weeks

- (9) TEMPERATURE:** Ambient Maturation <10
Supply Chain Temperature <5
Storage Temperature after receipt <5

(10) FREE FROM INFORMATION:

FREE FROM	YES	NO	
NUTS(& derivatives)	√		
PEANUTS(& derivatives)	√		
SESAME SEEDS	√		
SHELLFISH	√		
CRUSTACEA	√		
MOLLUSCS	√		
FISH(& derivatives)	√		
EGGS(& derivatives)	√		
MILK(& derivatives inc lactose)		√	Cow's milk
SOYA(& derivatives)	√		
CEREALS(containing gluten& derivatives)	√		
CELERY(& derivatives)	√		
MUSTARD(& derivatives)	√		
LUPIN(& derivatives)	√		
SULPHUR DIOXIDE & SULPHATES BELOW 10PPM	√		
SULPHUR DIOXIDE & SULPHATES ABOVE 10PPM	√		
GMO	√		
SUITABLE FOR			
VEGANS		√	
VEGETARIANS	√		Microbial rennet
KOSHER		√	
HALAL		√	
ORGANIC		√	

ADDITIVES	Yes	No	
This product contains genetically modified ingredients		√	
This product contains fermentation products and/or enzymes manufactured using genetically modified organisms		√	
This product contains preservatives		√	
This product contains natural colour		√	
This product contains artificial colour		√	
This product contains natural flavourings		√	
This product contains artificial flavourings		√	
This product contains antioxidants		√	
This product contains added salt	√		
Is the product packaged in a protective atmosphere	√		Parchment only

Allergen Advise: Contains Pasteurised Cow's Milk

Signed: Babu J A
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