



Product specification

45+ Esrom

*** Change ***
Change Request created
Active

Arla Foods / Basics

Revised: 04/06/2018

Product specification no: 1460-00001

Version: 17

Dairy Authorization number Name Address Zip code City Country	1460 M204 NR. Vium Produktion Sønderupvej 24, Nr. Vium 6920 Videbæk Denmark
--	---

Type of specification

☒ Finished product ☐ Semi-product

Product

45+ Esrom

Legal product designation

UK: 45+ Esrom

DK: 45+ Esrom

SE: 45+ Esrom

Description of product

1,6 kg

Used primarily for

On bread and at cheeseboards

The product specified in this document meets the requirements in the legislation of the country where the product is produced. If the producing country is an EU member it also meets EU legislation.

Global Product Management

Kenneth Nygaard

Valid as of

15/12/2012

Arla Foods / Sensory properties

	Norm	Rejection
Smell	Light cheese aroma	Strong evil-smelling
Taste	Mild, acidulous, aromatic	Strong impure, distaste
Consistency	Semi-solid to soft, sliceable	Very dry, very pasty
Colour	White with light yellow tint to yellow light red tint, homogenous	Discoloured
Texture	Many even spread, irregular holes the size of rice.	Blind, big holes.
Appearance	Thin, elastic, yellowish to orange rind with a slightly greasy layer of putty. Like on all natural cheeses a few spots of mould or calcium crystals can be found.	Open, running

Comments:

This print is not document controlled.

Arla Foods reserves the right to make amendments without prior notice unless agreed individually.

Product specificationsno: 1460-00001

Arla Foods / Weight, product age & shelf life

Weight

Weight	Norm	Tolerance	Rejection
e-Weight No	1600 g	1350 - 1750 g	<1350 g >1750 g
Dimensions (HxBxL or HxØ)	6,0*13,0*22,0 cm	4,0-7,0*12,0-14,0*21,0-23,0 cm	<4,0 - >7,0 * <12,0 - >14,0 * <21,0 - >23,0 cm
-----	-----	-----	-----

y = Average weight for the lot

Comments:

Product age for internal control

Shelf life for external information

Comments:

Product specificationsno: 1460-00001

Arla Foods / Chemical properties

	Norm	Tolerance		Law demand *	Reference method of analysis	Frequency	
		Lower limit	Upper limit				
Fat %	25.0	23.0	27.0	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ISO 1735 / IDF 5	Min. 1 every day	
Total solids %	54.0	51.0	57.0	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ISO 5534 / IDF 4	Min. 1 every day	
Moisture %	46.0	43.0	49.0	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Calculated	Min. 1 every day	
Fat in dry matter %	46.3	45.0	48.0	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Calculated	Min. 1 every day	
Fatfree drymatter %		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Moisture on a fat-free basis %	61.3	59.0	63.0	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Calculated	Min. 1 every day	
Salt %	1.70	1.20	2.20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ISO 5943 / IDF 88	1 per day	
pH	5.2	5.1	5.5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Potentiometric method	Min. 1 every day	
		-		<input type="checkbox"/> Yes <input type="checkbox"/> No			
		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		-		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

* Law demand completed according to legislation in producing country. If the producing country is an EU member it is also completed according to EU legislation. Otherwise, relevant legislation is stated in "Comments".

Comments:

Arla Foods / Microbiological properties - 47

	Norm	Tolerance	Law demand *	Reference method of analysis	Frequency
Coliforms	< 10 /g	≤ 1000 /g	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ISO 4832	Every 5. batch
E. coli	< 10 /g	≤ 100 /g	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ISO 16649	Only by coli > 100/g
Staph. aureus	< 10 /g	≤ 10 /g	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ISO 6888	1 per quater and if E.coli > 100
Listeria monocytogenes	0/25 g	0/25 g	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ISO 11290	1 per week
			<input type="checkbox"/> Yes <input type="checkbox"/> No		

* Law demand completed according to legislation in producing country. If the producing country is an EU member it is also completed according to EU legislation.

Comments:

This print is not document controlled.
Arla Foods reserves the right to make amendments without prior notice unless agreed individually.

This print is not document controlled.

Arla Foods reserves the right to make amendments without prior notice unless agreed individually.

Product specificationsno: 1460-00001

Arla Foods / Information on content and composition

List of ingredients

Main ingredient	Ingredient	Category	E-number	Country of manufacture (Note: Milk derived ingredients have listed country of origin instead)	% of total	
	Milk			Denmark	98,3	
	Salt			Denmark	1,7	
	Lactic acid culture			Denmark	Trace	
	Rennet (microbial)			Denmark/France/Germany	Trace	
	Red smear culture			Germany	Trace	
					100,00	

Declaration:

Comments:

This print is not document controlled.

Arla Foods reserves the right to make amendments without prior notice unless agreed individually.

Product specificationsno: 1460-00001

Arla Foods / Nutrition labelling

The nutrition information according to EU regulation with the minimum required nutrients. Rounding of values is done according to the European Commission guidance. Values of '<0.1 g' or '<0.5 g' (or for salt '<0.01 g') may be written as '0 g'.

Nutrition declaration (per 100 g)	
Energy	1343 kJ
	323 kcal
Fat	25 g
of which saturates	16 g
Carbohydrate	<0,5 g
of which sugars	<0,5 g
Protein	24 g
Salt	1,7 g

This print is not document controlled.

Arla Foods reserves the right to make amendments without prior notice unless agreed individually.

Product specificationsno: 1460-00001

Content per 100 g	Content	Energy	Energy in %
Total Energy kJ/kcal		1343.1 kJ 323.3 kcal	100.0%
Protein (g)	23.5	399.5 kJ	29.7%
Carbohydrates total (g)	0.1	1.7 kJ	0.1%
of which sugars (g)			
of which lactose (g)			
of which galactose (g)			
of which sucrose (g)			
of which sugar alcohols (g) if added		0.0 kJ	0.0%
Added sugar (g)			
Organic acids (g)	1.3	16.9 kJ	1.3%
Fat, total (g)	25.0	925.0 kJ	68.9%
of which saturated fatty acids (g)			
of which monounsaturated fatty acids (g)			
of which polyunsaturated fatty acids (g)			
of which trans fatty acids (g)			
Cholesterol (mg)	82.5		
Alcohol (g)	0.0	0.0 kJ	0.0%
Dietary fibre (g)	0.0	0.0 kJ	0.0%
Sodium (g)	0.680		
Vitamin A (RE)	223		
Calcium (mg)	704		
Vitamin C (mg)	0		
Vitamin D (µg)			
Potassium (mg)			
Iron (mg)	0.0		
Ash (g)	4.1		
Water (g)	46.0		
Total (g)	100.0		
Bread units (BU)	0,01		

Comments:

Product specificationsno: 1460-00001

Arla Foods / Product Information

Has the following been added to the product (directly or through an ingredient) ?

Additives	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Colours (E100 - E180)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Azo Colours (E102/E110/E122/E124/E129) or E104	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Artificial colours	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Preservatives (E200 - E297)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Benzoates (E210 - E213)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
BHA (E320) / BHT (E321)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sweeteners	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Aspartame (E951)/Aspartam-acesulfame salt (E962)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Glutamate (E621 - E625)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Flavourings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Non-natural flavourings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Yeast (added)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Maize and maize derivatives	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Nuts

Have nuts/sesame seeds been added ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do nuts and/or sesame seeds go down the same line ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there nuts/sesame seeds in the same plant ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
- If yes in any of the above, further define as follows <ul style="list-style-type: none"> State type of nut and/or sesame seed State whether nut, seed or oil State whether ingredient or processing aid Indicate whether nut/seed contamination is possible 	

Does the product contain any of the following allergenes ?

Cereals containing gluten and products thereof. If yes, specify:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No
Rye	<input type="checkbox"/> Yes <input type="checkbox"/> No
Barley	<input type="checkbox"/> Yes <input type="checkbox"/> No
Oats	<input type="checkbox"/> Yes <input type="checkbox"/> No
Spelt	<input type="checkbox"/> Yes <input type="checkbox"/> No
Kamut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Crustaceans and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Eggs and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fish and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peanuts and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Soybeans and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Milk and products thereof (including lactose)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nuts and products thereof. If yes, specify:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Almond	<input type="checkbox"/> Yes <input type="checkbox"/> No
Hazelnut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Walnut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cashew	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pecan nut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Brazil nut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pistachio nut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Queensland/Macadamia nut	<input type="checkbox"/> Yes <input type="checkbox"/> No
Celery and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mustard and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sesame seeds and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lupin and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Molluscs and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

GMO

Is the product non-GMO ☒ Yes ☐ No

- If no, give details of genetic modification

Is the product suitable for:

Lacto Vegetarians ☒ Yes ☐ No

Vegans ☐ Yes ☒ No

Coeliacs (gluten free) ☒ Yes ☐ No

Lipase

Lipase ☐ Microbial ☒ Not used
☐ Animal

Irradiation

Have any ingredients been irradiated? ☐ Yes ☒ No

If yes, specify

Rennet

Rennet ☒ Microbial ☐ Not used
☐ Animal

Can be produced as:

Kosher ☐ Yes ☒ Not investigated
☐ No

Super Kosher ☐ Yes ☒ Not investigated
☐ No

Halal ☐ Yes ☒ Not investigated
☐ No

Comments: