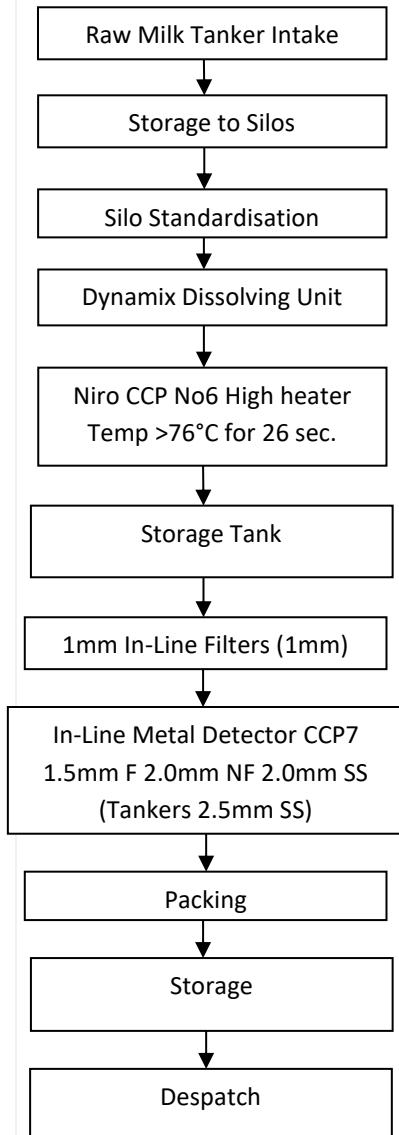


Sweetened Condensed Milk

Ref: MFL Spec – HM 102

Issue Date: 28.04.21, Rev 22

Supersedes: 11.03.21, Rev 21

Process Flow Diagram

Product code
FCM001 – Sweetened Condensed Milk Tanker

FCM002 – Sweetened Condensed Milk 1.3mt Pallecon

FCM003 – Sweetened Condensed Milk Drum

FCM004 – Sweetened Condensed Milk Pallecon

FCM008 – Sweetened Condensed Milk 1.3mt (Valve)

FCM009 – Sweetened Condensed Milk Bag in Box 13kg

FCM017 – Fairtrade Sweetened Condensed Milk Bag in Box 13kg

FCM019 – Sweetened Condensed Milk 1.3mt (DN50 Valve)

FCM020 – Sweetened Condensed Milk Pallecon (DN50 Valve)

FCM021 – Sweetened Condensed Milk Pallecon 650kg (DN50 Valve)

Process Summary

Granulated sugar is added to the standardised milk and then evaporated to produce a viscous liquid. Sweetened Condensed Milk is free from all additives. Our range of condensed milks products can be produced with Fairtrade certification

Nutritional Values

Parameter	Typical Values (per 100g)
Energy	327 Kcal
Energy	1379 KJ
Moisture	27 g
Fat	8.0 g
of which	
Saturates	5.0 g
Mono-unsaturates	2.3 g
Polyunsaturates	0.2 g
Trans Fatty Acid	0.5 g
Carbohydrate	55.23 g
of which	
Sugars	55.23 g
Protein	8.5 g
Salt	0.35 g
Fibre	Nil g
Ash	0.92 g

Ingredients

Milk 56% (Milk), (MLK001)

Granulated Sugar 44%, (RM001) / (FT - RM005)

Lactose Trace (I00003)

Dietary Information and Intolerance

Suitable for Vegetarians

NOT Suitable for Vegans

Allergen Milk only (Cow's milk)

Kosher Certificated

Halal Certificated

Sweetened Condensed Milk	Ref: MFL Spec – HM 102 Issue Date: 28.04.21, Rev 22 Supersedes: 11.03.21, Rev 21
--------------------------	---

GMO

Sweetened Condensed Milk is produced from whole cow's milk, which has not been subject to genetic modification or the inclusion of genetically modified organisms.

Product Characteristics and Other Technical Information
PHYSICAL AND CHEMICAL

Characteristic	Typical	Parameters
Visual Appearance	Pale cream to yellow smooth pourable liquid	Acceptable
Organoleptic	Typical of an evaporated milk product	Free from taints
Butterfat	8.5%	8.0 - 9.5% Range
Total Solids	73.0%	72.5 – 75.0% Range
Aw	Not routinely tested	0.8 – 0.87 Range
pH	Not routinely tested	Neutral
Viscosity	2500cps	1800 – 5000cps

MICROBIOLOGICAL

Frequency	Characteristic	Typical	Parameters
Daily	Total Viable Count	<1000 cfu/g	10 000 cfu /g Max
	Enterobacteriaceae	<10 cfu/g	50 cfu /g Max
	Faecal Streptococci	<10 cfu/g	<100 cfu/g
	Coagulase +ve Staphylococci	<20 cfu/g	<20 cfu/g
	Yeasts	<10 cfu/g	200 cfu/g Max
	Moulds	<10 cfu/g	200 cfu/g Max
Monthly Screen	Bacillus Cereus	<20 cfu/g	<20 cfu/g
	E. coli	Absent /g	Absent /g
	Salmonella	Absent /25g	Absent /25g
	Listeria	Absent /25g	Absent /25g

Country of Manufacture

UK

Country of Origin

Milk - UK. **Sugar** – UK, France, Belgium, Argentina, Guyana, Swaziland, Belize, Honduras, Zambia, Brazil, Jamaica, Costa Rica, Malawi, El Salvador, Mozambique, Fiji, Nicaragua, Guadeloupe, Reunion, Guatemala, South Africa. **Fairtrade Sugar** - Argentina, Belize, Costa Rica, El Salvador, Fiji, Guadeloupe, Guatemala, Guyana, Honduras, Jamaica, Malawi, Mozambique, Nicaragua, Reunion, South Africa, Swaziland, Zambia.

Lactose - UK

Sweetened Condensed Milk	Ref: MFL Spec – HM 102 Issue Date: 28.04.21, Rev 22 Supersedes: 11.03.21, Rev 21
--------------------------	---

Suppliers

Ingredient	Supplier
Whole Milk	Sourced from UK
Granulated Sugar	British Sugar, Kent Foods, Tate & Lyle (Fairtrade)
Lactose	Kent Foods / Volac.

Packaging

13kg Bag in Box

Blue 60µm Quadbag with blue cap inside a Crash Lock cardboard box.

Palletisation – Maximum 60 boxes/pallet and stretch wrapped with a pallet layer sheet on the bottom.

280 – 290kg Drum

1mm steel drum with internal food grade lacquer.

Palletisation – 4 drums / pallet secured by banding.

1000kg / 1300kg Pallecon

LLDPE Blue 60um Liner with 2" BSP blue screw cap inside a galvanised mild steel pallecon.

Bulk Tankers

Stainless steel bulk tankers, for food use only.

Container Label

Each box shall be marked in such a way that identifies:

- i) Producer
- ii) Product
- iii) Production Run Number
- iv) Packing Date
- v) Best Before Date
- vi) Allergen Statement
- vii) Health Mark

Pallet Labelling

Each pallet will have a label on the top and side of the pallet identifying

- i) Producer
- ii) Product
- iii) Date of Manufacture
- iv) Packing Run Number
- v) Container Number
- vi) Number of Units
- vii) Best Before Date
- viii) Quantity
- ix) Allergen Statement
- x) Health Mark

Sweetened Condensed Milk	Ref: MFL Spec – HM 102 Issue Date: 28.04.21, Rev 22 Supersedes: 11.03.21, Rev 21
--------------------------	---

Delivery Paperwork

Despatch notes will accompany all deliveries.

For packed product a certificate of analysis containing an average result of analysis on samples taken during the packing run and nutritional values will be e-mailed.

For bulk deliveries the certificate of analysis contains results of analysis on samples taken from the tanker filling.

Shelf Life**13kg Bag in Box**

6 months (180 days)

Ambient storage – 10°C-20°C

Once opened use within 5 days.

280 – 290kg Drum

6 Months (180 days)

Ambient storage – 10°C-20°C

Once opened use within 5 days

1000kg / 1300kg Pallecon

3 Months (90days)

Ambient storage – 10°C-20°C

Once opened use within 5 days.

Bulk Tankers

7 Days.

Shelf life duration is supported by ongoing and updated results of organoleptic, compositional, and microbiological testing on shelf life trials.

Quality Assurance

The manufacturing site is accredited to BRCGS Global Standard.

Kosher certificated by Manchester Beth Din.

Halal certificated by the Halal Food Council of Europe.

Fairtrade Flo ID Number 28592

The product, its manufacture, storage and delivery together with the raw materials and packaging used will entirely conform to the requirements of UK and EC legislation in force at the time of production and in accordance with accepted standards of good manufacturing practice.

Should any product be opened / damaged or appear tampered with do not use and inform Meadow Foods immediately. For bulk tankard product, if seals are broken, do not offload product and inform Meadow Foods.

Traceability

Full traceability records are maintained through site records covering raw materials, processing and delivery to customer.



Technical Department

KENT FOODS Ltd, Albex House, Westpoint Business Park,
1 Marchfield Drive, Paisley, PA3 2RB
T: 0044 (0)141 882 9999
E: technical@kentfoods.co.uk

www.kentfoods.co.uk

Sweetened Condensed Milk	Ref: MFL Spec – HM 102 Issue Date: 28.04.21, Rev 22 Supersedes: 11.03.21, Rev 21
--------------------------	---

Specification Approved By

Signed: *H. Hird*

Name: Helen Hird

Position: Technical Manager

Date: 28.04.2021

SPECIFICATION APPROVED BY CUSTOMER:

Signed on behalf of:

Signature:

Name:

Position:

Date:

GB
GO 007