



FrieslandCampina 
nourishing by nature

FrieslandCampina Nutrition Standards



February 2026

FrieslandCampina Nutrition Standards (FC NS)

Introduction

Global dietary intakes are increasingly out of balance, as highlighted by the World Health Organisation (WHO)¹. To address these trends, the WHO has set guidelines for maximum daily intakes of calories, saturated fat, trans-fatty acids, salt and sugars.² Food manufacturers play an important role in supporting eating patterns in line with these public health recommendations.

At FrieslandCampina, we recognise our responsibility to contribute to balanced and nutritious diets. Our portfolio is uniquely positioned to help close nutrient gaps through the naturally rich nutritional profile of dairy. Milk intrinsically contains protein, calcium, and other essential nutrients. At the same time, sugar, salt, and other ingredients may be added during the production of various dairy products to enhance taste, texture, support fermentation or ensure food safety and shelf-life. This means that the overall nutritional quality of dairy foods must be continuously monitored and improvements should be made where possible.

The **FrieslandCampina Nutrition Standards (FC NS)** are a set of criteria launched in 2025 to guide product development and improvement, through innovation and product reformulation. They are aimed at retaining the natural nutrients in milk while limiting the amount of calories, saturated fat, trans-fatty acids, sugar and salt in our products.

The FC NS builds on a decade of progress in aligning our nutrition criteria to public health recommendations. Our first Global Nutrition Standards (GNS) was launched in 2015. In 2020, these standards were tightened under the “GNS Next Level” update, aligning them with the 2019 Choices International Nutrition Criteria³ and introducing requirements for adequate amounts of milk protein and fortification of key vitamins and minerals that address micronutrient deficiencies in lower- and middle-income markets. In 2025, the product categorisation and criteria have been further refined to better reflect FrieslandCampina’s evolving portfolio, resulting in the FC NS.

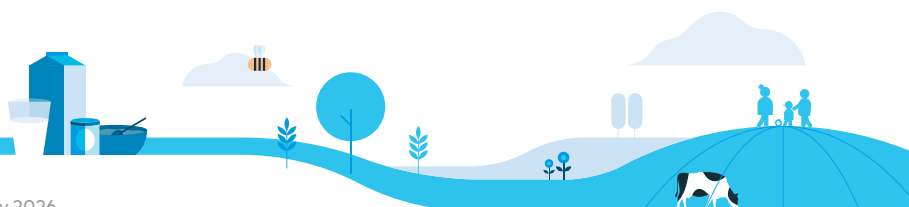
The FC NS are based on a number of principles:

- **Grounded in science:** They are informed by the latest scientific insights and public health advice, addressing nutrients relevant to population health.
- **Fit for purpose:** They reflect the characteristics, composition and dietary role of each product group.
- **Target-group specific:** They are tailored to the nutritional needs of specific consumer groups.
- **Designed for progress:** They encourage innovation and reformulation of our products.

¹ World Health Organisation. [Healthy Diet](#).

² World Health Organisation. [Global Action Plan 2013-2020](#).

³ Choices International Foundation. [International Choices Criteria version 2019-4](#).



Grounded in science: Our approach to setting the nutrient standards

The FC NS are specifically designed for the FrieslandCampina consumer product portfolio and contributes to our purpose of 'Nourishing by Nature'. They ensure that our consumers can enjoy nutritious products delivering protein, calcium and/or other vitamins or minerals while limiting nutrients of public health concern. The criteria are grounded in the latest scientific and public health evidence and distinguish between *Nutrients to Encourage* and *Nutrients to Limit*.

Nutrients to Encourage

Milk has a high nutritional quality as it naturally contains important nutrients that we want to retain as much as possible in our products. For most of the product groups, we have set criteria concerning minimum amounts of **protein** and **calcium**. These nutrients are indicators for the presence of other valuable micronutrients in milk. Some product groups (e.g. dairy-based breakfast) are characterised by their contribution to the intake of other nutrients like fibre. For these product groups, different nutrients to encourage apply, based on product group characteristics.

Table 1 Reference Values for Protein, Calcium and Fiber

Nutrient	Reference value	Source
Protein	Intrinsic protein in milk (products derived from milk) NL: 3.5 g / 100g Rest of EU, Middle East, Africa: 3.3 g / 100g Pakistan: 3.1 g / 100g Asia: 2.9 g / 100 g	Raw milk measurements from own supply chain and EUROSTAT
	NRV: 10-15% of energy intake	Healthy diet (WHO)
Calcium	Intrinsic calcium in milk (products derived from milk) NL: 120 mg / 100g Rest of EU, Middle East, Africa: 113 mg / 100g Pakistan: 106 mg / 100g Asia: 99 mg / 100 g	Raw milk measurements from own supply chain and EUROSTAT
	NRV: 1000 mg / day	CODEX CAC/GL 2-1985
Fiber	25 g / day	Healthy diet (WHO)

For some regions or specific population groups it may be necessary to increase the intake of specific nutrients. According to the WHO, deficiencies in **iodine**, **vitamin A**, and **iron** remain major global public health concerns as they significantly affect health and development outcomes. In addition, zinc deficiency is widespread with estimates ranging from 4 to 73 percent across subregions, and **zinc** supplementation has shown a positive effect on linear growth in countries with high levels of zinc deficiencies and subsequent stunting. The South East Asian Nutrition Surveys (SEANUTS I & II)⁴⁵⁶⁷ and AfricaNutrition⁸ studies further show prevalence of insufficient intake of several vitamins among

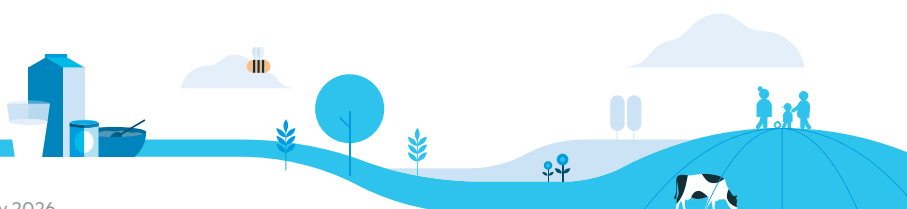
⁴ Kekalih A et al. [SEANUTS II study in Java and Sumatera Islands, Indonesia](#). Public Health Nutrition. 2025.

⁵ Tran NT et al. [SEANUTS II Vietnam](#). Public Health Nutrition. 2024.

⁶ Pongcharoen T et al. [SEANUTS II Thailand](#). Public Health Nutrition. 2024.

⁷ Poh BK et al. [SEANUTS II Malaysia](#). Public Health Nutrition. 2024.

⁸ Ayling K et al. [Evaluation of nutrient intake gaps and nutritional status in urban Ivorian school-aged children and women of reproductive age: associations with socio-economic status](#). 2025.



children in South East Asia respectively Western Africa. These emphasise the importance of fortification with **vitamin B1, B2, C and D**. Additionally, adequate minimum levels of **calcium** and **vitamin B12** are important, as dairy based products are supposed to contribute to the daily intake of these nutrients. FrieslandCampina bases its approach to fortification of products, on international guidance: CODEX CAC/GL 9-1987 and the WHO/FAO Guidelines on Food Fortification with Micronutrients.

Table 2 Daily Reference Values for Vitamins and Minerals

Nutrient	Reference value	Source
Vitamin A (RAE)	800 µg	CODEX CAC/GL 2-1985 ⁹
Vitamin D	5 µg	
Vitamin C	100 mg	
Vitamin B1	1.2 mg	
Vitamin B2	1.2 mg	
Vitamin B12	2.4 µg	
Calcium	1000 mg	
Iron	14 mg	
Zinc	11 mg	
Iodine	150 µg	

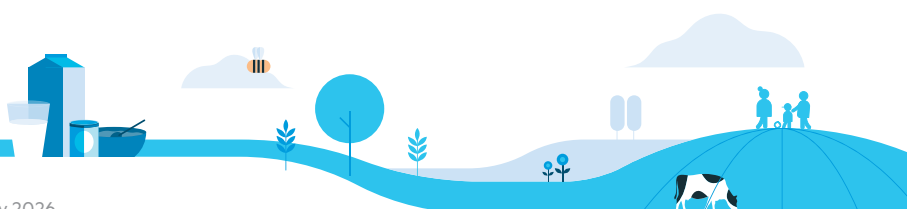
Nutrients to Limit

The Nutrients to Limit focus on dietary components associated with overweight and diet-related noncommunicable diseases, for which the WHO has set maximum daily intake levels. These include: **calories, saturated fat, trans-fatty acids, salt and free sugar**. We assessed the contribution of a typical portion to the total dietary intake and defined upper thresholds for energy (% Daily Value per serving). Criteria for the remaining nutrients are based on the 2019 Choices International Nutrition Criteria, developed by the independent Choices International Scientific Committee. Furthermore, relevant legislation, Codex standards and scientific expert group opinions were considered in setting the standards.

Table 3 Daily Reference Values for Nutrients to Limit

Nutrient	Daily Reference value	Source
Energy	2000 kcal / day for adults 1700 kcal / day for children 2300 kcal / for pregnant and lactating	Healthy diet (WHO) Children: EU pledge Pregnant: FAO report
Saturated fat	10% of energy intake	Healthy diet (WHO)
Trans fatty acids	1% of energy intake	WHO guideline on fats
Free sugar	50 g	Healthy diet (WHO)
Salt	5 g ≈ 2g sodium	Healthy diet (WHO)

⁹ CODEX ALIMENTARIUS. [Guidelines on Nutrition Labelling CXG 2-1985](#).



Fit for purpose: Our product classifications

Milk is the basis of most of our products and is used to create a wide range of delicious foods. These products vary in composition, are consumed in different ways and therefore play different roles in the diet. To account for this, we classify all products into appropriate product groups “classifications”. Each classification has its own nutrient criteria, ensuring alignment with the product’s characteristics and portion size.

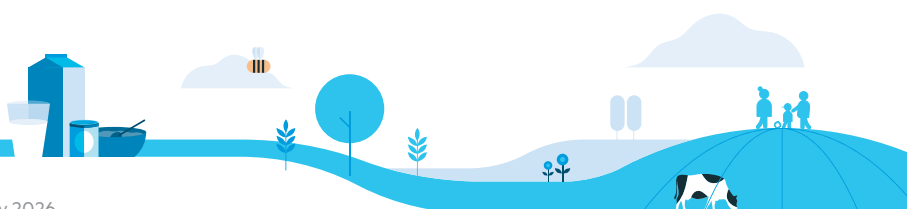
Classification	Description
IF / FOF	Infant formula (0-6 months) and follow on formula (6-12 months)
YCF junior	Young child formula (12-36 months)
IFT milk based cereals	Cereal products based on milk (4 – 36 months)
YCF senior	Young child formula (> 36 months)
Pregnant & Lactating	Products for pregnant and lactating women
Milk products	Product containing $\geq 70\%$ milk
Evaporated milk	Product obtained by the partial removal of water from milk by heat, which leads to a product of the same composition and characteristics ¹⁰
Milk based products	Product containing $\geq 50\%$ milk
Coffee / tea whiteners and creamers	Product that is added to a beverage e.g. coffee/tea, and not consumed on its own
Drinks	Ready-to-drink products containing $< 50\%$ milk
(Semi) hard cheese	Ripened cheese with varying fat percentages in dry matter
Processed cheese	Unripened cheese or products obtained by melting and emulsifying cheese
Butter	A fatty product derived exclusively from milk and/or products obtained from milk ¹¹
Dairy-based breakfast	Composite product made of dairy, cereals and fruit
Ice cream	Dairy and water-based ice cream
Plant-based drinks and spoonable	Non-dairy drinks and spoonables derived from legumes, nuts or cereals
Meat substitutes	Vegetarian meat alternatives

Target-group specific: Our product positionings

An important attribute contributing to the robustness of the FC NS is its stratified approach to population subgroups. We apply differentiated nutrient criteria across defined target groups—referred to as “positionings”—to ensure alignment with age specific physiological needs and dietary recommendations. These positionings include: **Daily Nutrition**, **Kids Nutrition**, **Tailored Nutrition** and **Affordable Nutrition (kids)**. Products intended for the general population are positioned as Daily Nutrition. Products designed for specific target groups (**Kids Nutrition** [4-12 years old] or **Tailored Nutrition** [infant & young child formulas; pregnant & lactating women]) are subject to more stringent limits for nutrients to limit. We also have products that are aimed at consumers who have a higher risk of undernutrition or micronutrient deficiencies due to reduced access to healthy and affordable foods. These products are positioned as

¹⁰ CODEX ALIMENTARIUS. [Codex Standard for Evaporated Milks STAN 281-1971](#).

¹¹ CODEX ALIMENTARIUS. [Codex Standard For Butter CXS 279-1971](#).



Affordable Nutrition and are sold in our lower- and middle-income markets. Since these populations may experience the triple burden of malnutrition – characterised by the coexistence of undernutrition, overweight/obesity and micronutrient deficiencies – product design must simultaneously address multiple nutritional priorities. This includes ensuring adequate protein quantity and quality, fortification of appropriate micronutrients, and reducing the intake of nutrients to limit. Affordable Nutrition products targeted at children additionally have adjusted minimum fortification requirements for selected vitamins and minerals.

Designed for progress: Application of the standards

The FC NS apply to products as consumed, ensuring that nutritional assessments reflect how consumers actually use our foods and beverages. An exception is evaporated milk, which is evaluated based on its composition as sold due to its defined regulatory status and typical use. Each product must meet the relevant criteria for both **Nutrients to Encourage** and **Nutrients to Limit** in order to be considered compliant. Compliance is assessed per 100 g for nutrients also used in external profiling systems, and per serving for calories, reflecting typical consumption patterns.

These standards guide our continuous portfolio improvement through innovation and reformulation. They also underpin our policies on responsible use of claims¹² and marketing communications¹³, and how we evaluate the nutritional quality of our portfolio. In this way, the FC NS support a consistent approach to delivering products that meaningfully contribute to balanced diets while limiting nutrients of concern. Ultimately, these standards help ensure that our portfolio evolves in line with public health guidance, consumer expectations, and our commitment to nourishing people of all ages and backgrounds.

¹² FrieslandCampina. [Corporate Standard on Claims](#). 2023.

¹³ FrieslandCampina [Corporate Standard for Responsible Marketing Communications](#). 2023.



FrieslandCampina Nutrition Standards 2025 - 2030

Classification	Positioning	Nutrients to encourage ¹		Nutrients to limit						
		Criterion ²	Criterion ²	# of criteria to comply with	Energy ³	SAFA	ITFA	Added Sugar	Sodium	
Specialized Nutrition										
IF (0-6 months) / FOF (6-12 months)	Tailored Nutrition	IF, FOF products are highly regulated and must comply to a very strict nutritional composition as described by law. The regulations differ per region and country. Therefore FC has not set separate nutrition criteria for IF and FOF, but products have to comply with regulatory requirements on nutritional composition.								
YCF junior (12-36 months)	Tailored Nutrition	Milk protein ≥ 1.8 - ≤ 3.5 g/100kcal	Ca ≥ 90 mg/100 kcal	5 out of 5	≤ 70 kcal/100ml	≤ 31 g/100 kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≥ 20 - ≤ 75 mg/100kcal	
IFT Milk based cereals (4-36 months)	Tailored Nutrition ≥ 4 mth - < 6 mth	Milk protein ≥ 2.0 - ≤ 3.5 g/100kcal	-	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	0 g/100kcal	≤ 60 mg/100kcal	
	Tailored Nutrition ≥ 6 mth - < 8 mth	Milk protein ≥ 2.0 - ≤ 3.5 g/100kcal	Fibre ≥ 0.4 g/100kcal AND $\geq 50\%$ of fibers from cereals	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≤ 60 mg/100kcal	
	Tailored Nutrition ≥ 8 mth - < 12 mth	Milk protein ≥ 2.0 - ≤ 3.5 g/100kcal	Fibre ≥ 0.6 g/100kcal AND $\geq 60\%$ of fibers from cereals	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≤ 60 mg/100kcal	
	Tailored Nutrition ≥ 12 mth - < 36 mth	Milk protein ≥ 2.0 - ≤ 3.5 g/100kcal	Fibre ≥ 0.8 g/100kcal AND $\geq 70\%$ of fibers from cereals	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≤ 60 mg/100kcal	
YCF senior (>36 months)	Tailored Nutrition	Milk protein ≥ 2.0 g/100g	Ca ≥ 69 mg/100g	5 out of 5	$\leq 8\%$ DV/ serving	≤ 2.4 g/100g ⁴	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g	
Pregnant and Lactating (MUM)	Tailored Nutrition	Milk Protein (g/100g) $\geq 2.0g$ - $2.45g$	Ca (mg/100g) $\geq 69mg$ - $84mg$	5 out of 5	$\leq 8\%$ DV/ serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g	
Consumer Products										
Milk products	Kids Nutrition	Milk Protein (g/100g) $\geq 2.0g$ - $2.45g$	Ca (mg/100g) $\geq 69mg$ - $84mg$	5 out of 5	$\leq 8\%$ DV/ serving	≤ 2.4 g/100g ⁴	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g	
	Daily Nutrition			ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g		≤ 1.4 g/100g				
	Affordable Nutrition					≤ 1.4 g/100g				
	Affordable Nutrition Kids					≤ 1.4 g/100g				
Evaporated milk (as sold)	Daily Nutrition	Milk Protein (g/100g) $\geq 5.6g$	Ca (mg/100g) ≥ 190 mg	ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g	≤ 176 kcal/100g	≤ 3.1 g/100g	≤ 0.2 g/100g	≤ 5.0 g/100g	≤ 220 mg/100g	
	Affordable Nutrition									
Milk based products	Kids Nutrition	Milk Protein (g/100g) $\geq 1.45g$ - $1.75g$	Ca (mg/100g) $\geq 49.5mg$ - $60mg$	5 out of 5	$\leq 8\%$ DV/ serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g	
	Daily Nutrition			ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g						
	Affordable Nutrition									Ca ≥ 75 mg/100g AND $\geq 7.5\%$ CODEX NRV / 100g of 2 out of the following micronutrients: vit B2, vit B12, RAE vit A, vit D, Fe, Zn or I
	Affordable Nutrition Kids									Ca ≥ 75 mg/100g AND $\geq 3.75\%$ CODEX NRV / 100g of 2 out of the following micronutrients: vit B2, vit B12, RAE vit A, vit D, Fe, Zn or I
Coffee / tea whiteners and creamers	Daily Nutrition	No criterion	No criterion	ITFA AND 3 out of 4 AND added sugar always ≤ 3.25 g/100g	$\leq 2\%$ DV/ serving	≤ 0.35 g/100g	≤ 0.05 g/100g	≤ 2.5 g/100g	≤ 50 mg/100g	
	Affordable Nutrition	Milk Protein $\geq 0.87g/100g$	$\geq 7.5\%$ CODEX NRV / 100g of 3 out of the following micronutrients: Ca, Vit B2, vit B12, RAE vit A, vit D, Fe, Zn or I	ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g	$\leq 4\%$ DV/ serving	≤ 0.7 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g		
Drinks	Affordable Nutrition	Milk Protein $\geq 0.58g/100g$	$\geq 7.5\%$ CODEX NRV / 100g of 3 out of the following micronutrients: Ca, Vit B2, vit B12, RAE vit A, vit D, Fe, Zn or I	ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g	$\leq 4\%$ DV/ serving	≤ 0.7 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 50 mg/100g	
	Affordable Nutrition Kids		$\geq 3.75\%$ CODEX NRV / 100g of 3 out of the following micronutrients: Ca, Vit B2, vit B12, RAE vit A, vit D, Fe, Zn or I			≤ 1.2 g/100g				
Dairy-based breakfast	Kids Nutrition	Total protein ≥ 10 g/serve of which Milk protein (g/serve) $\geq 3.0g$ - $3.675g$	Fibre ≥ 1.1 g/100g	5 out of 5	$\geq 10\%$ - $\leq 17.5\%$ DV/ serving	≤ 1.6 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 145 mg/100g	
	Daily Nutrition	Total protein ≥ 12 g/serve of which Milk protein (g/serve) $\geq 4.0g$ - $4.90g$		ITFA AND 3 out of 4 AND added sugar always ≤ 6.5 g/100g						
(Semi)Hard Cheese	Daily Nutrition	Milk protein ≥ 20 g/100g	Ca ≥ 700 mg/100g	ITFA AND 3 out of 4	$\leq 5\%$ DV/ serving	≤ 14.0 g/100g	≤ 0.1 g/100g	0.0 g/100g	≤ 750 mg/100g	
Spreadable and processed Cheese	Daily Nutrition	Milk protein ≥ 10 g/100g	Ca ≥ 300 mg/100g	ITFA AND 3 out of 4	$\leq 5\%$ DV/ serving	≤ 14.0 g/100g	≤ 0.1 g/100g	0.0 g/100g	≤ 1000 mg/100g	
Butter	Daily Nutrition	No criterion	No criterion	ITFA AND 3 out of 4 AND sodium always ≤ 240 mg/100g	$\leq 4\%$ DV/ serving	≤ 28.0 g/100g	≤ 0.5 g/100g	0.0 g/100g	≤ 160 mg/100g	
Ice cream	Kids ice cream	No criterion	No criterion	5 out of 5	$\leq 6.5\%$ DV/ serving	≤ 6.0 g/100g	≤ 0.4 g/100g	≤ 20 g/100g	≤ 200 mg/100g	
	All other ice cream			ITFA AND 3 out of 4 AND remaining criterion not to exceed $\geq 30\%$ of criterion	$\leq 7.5\%$ DV/ serving					
Plant-based drinks and spoonable	Daily Nutrition	Protein ≥ 1.6 g/100g	Ca ≥ 60 mg/100g	ITFA AND 3 out of 4 AND remaining criterion not to exceed $\geq 30\%$ of criterion	$\leq 6\%$ DV/ serving	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g	
Meat substitutes	Kids Nutrition	≥ 20 En% protein	Iron ≥ 0.8 mg/100g	5 out of 5	$\leq 10\%$ DV/ serving	≤ 5.0 g/100g	≤ 0.1 g/100g	≤ 2.5 g/100g	≤ 600 mg/100g	
	Daily Nutrition			ITFA AND 3 out of 4 AND remaining criterion not to exceed $\geq 30\%$ of criterion						

¹ Criteria applicable for 'as consumed' product unless stated differently

² Regional differences apply for milk protein and calcium, based on nutrient levels of milk of a country

³ Where energy is expressed as % Daily Reference Value (DV) per serving, DV for adults is 2000 kcal, for children (4 - <12y) 1700 kcal, for pregnant and lactating women 2300 kcal.

⁴ Saturated fat level can be up to 2.4 g/100g if the amount of fat from milk $\geq 50\%$. If the fat from milk <50%, a saturated fat criterium of 1.4 g/100g applies.