FrieslandCampina Global Nutritional Standards - Next level		CRITERIA APPLICABLE FOR 'READY TO CONSUME' PRODUCT								
		Nutrients to secure			Nutrients to limit[15]					
		# of criteria to comply with	Criterion	Criterion	# of criteria to comply with	Energy[1]	SAFA	TFA[2]	Added Sugar	Sodium
Classification	Positioning									
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	2 out of 2	Milk protein ≥ 1.8 - ≤ 3.5 g/ 100 kcal	Ca ≥ 90 - ≤180 mg /100 kcal	5 out of 5	≤ 70 kcal per 100ml	≤ 3.1 g/100 kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal[3]	≥ 20 - ≤ 75 mg/100kcal
IFT Milk based cereals (4-36 months)	Tailored Nutrition ≥ 4 mth - < 6 mth	1 out of 1	Milk protein ≥ 2.0 - ≤ 3.5g/ 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	2 out of 2	Milk protein ≥ 2.0 - ≤ 3.5g/ 100kcal	Fibre ≥ 0.4 g/100 kcal *AND* ≥ 50% of fibers from cereals[4]	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	2 out of 2	Milk protein ≥ 2.0 - ≤ 3.5g/ 100kcal	Fibre ≥ 0.6 g/100 kcal *AND* ≥ 60% of fibers from cereals[4]	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≤ 60 mg/100kcal
	Tailored Nutrition ≥ 12mth - < 36 mth	2 out of 2	Milk protein ≥ 2.0 - ≤ 3.5g/ 100kcal	Fibre ≥ 0.8 g/100 kcal *AND* ≥ 70% of fibers from cereals[4]	5 out of 5	≤ 95 kcal/100g	≤ 2.3 g/100kcal	≤ 0.1 g/100kcal	≤ 2.5 g/100kcal	≤ 60 mg/100kcal
Classification	Positioning	***DAIRY BASED FOODS (READY TO CONSUME)***								
Milk products	Tailored Nutrition	2 out of 2	Milk protein ≥ X g/100g[5]	Ca ≥ Y mg/100g[5]	5 out of 5	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Daily Nutrition	2 out of 2	Milk protein ≥ X g/100g[5]	Ca ≥ Y mg/100g[5]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Affordable Nutrition[7]	2 out of 2	(Milk) protein ≥ Z g/100g AND serve[8]	Ca ≥ Q mg/100g AND serve[8]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Treats & Taste Enhancers[9]	-	No criterion	No criterion	Energy, TFA and sodium	≤ 8% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 100 mg/100g[10]
Milk based products	Tailored Nutrition	2 out of 2	Milk protein ≥ X g/100g[11]	Ca ≥ Y mg/100g[11]	5 out of 5	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Daily Nutrition	2 out of 2	Milk protein ≥ X g/100g[11]	Ca ≥ Y mg/100g[11]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Affordable Nutrition[7]	2 out of 2	(Milk) protein ≥ Z g/100g AND serve[8]	Ca ≥ Q mg/100g AND serve[8]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Treats & Taste Enhancers[9]	-	No criterion	No criterion	Energy, TFA and sodium	≤ 8% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 100 mg/100g[10]
Cheese	Tailored Nutrition	2 out of 2	Milk protein ≥ S g/100g[12]	Ca ≥ T mg/100g[12]	5 out of 5	≤ 5% DV/serving	≤ 14.0 g/100g	≤ 0.1 g/100g	0.0 g/100g	≤ 750 mg/100g
	Daily Nutrition	2 out of 2	Milk protein ≥ S g/100g[12]	Ca ≥ T mg/100g[12]	4 out of 5[6]	≤ 5% DV/serving	≤ 14.0 g/100g	≤ 0.1 g/100g	0.0 g/100g	≤ 750 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	Energy, TFA and sodium	≤ 5% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 750 mg/100g
Butter	Tailored Nutrition	2 out of 2	Vitamin A ≥ 800 mcg/100g[13]	Vitamin D ≥ 0.3 mcg/100g[13]	5 out of 5	≤ 4% DV/serving	≤ 28.0 g/100g	≤ 0.5 g/100g	0.0 g/100g	≤ 160 mg/100g
	Daily Nutrition	2 out of 2	Vitamin A ≥ 800 mcg/100g[13]	Vitamin D ≥ 0.3 mcg/100g[13]	4 out of 5[6] *AND* sodium always ≤ 240 mg/100g	≤ 4% DV/serving	≤ 28.0 g/100g	≤ 0.5 g/100g	0.0 g/100g	≤ 160 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	Energy, TFA and sodium	≤ 4% DV/serving	No criterion	≤ 0.5 g/100g	No criterion	≤ 160 mg/100g
Meat substitutes	Tailored Nutrition	2 out of 2	≥ 20 En% protein	Iron ≥ 0.8 mg/100g[14]	5 out of 5	≤ 10% DV/serving	≤ 5.0 g/100g	≤ 0.1 g/100g	≤ 2.5 g/100g	≤ 600 mg/100g
	Daily Nutrition	2 out of 2	≥ 20 En% protein	Iron ≥ 0.8 mg/100g[14]	4 out of 5[6] *AND* all criteria always not to exceed ≥ 30% of criterion	≤ 10% DV/serving	≤ 5.0 g/100g	≤ 0.1 g/100g	≤ 2.5 g/100g	≤ 600 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	Energy, TFA and sodium	≤ 10% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 600 mg/100g
Dairy based breakfast[15]	Tailored Nutrition	2 out of 2	Total protein ≥ 12 g/serve of which Milk protein ≥ X g/serve[5]	Fibre ≥ 1.1 g/100g[16]	5 out of 5	≥ 10% - ≤ 17.5% DV/serving	≤ 1.6 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 145 mg/100g
	Daily Nutrition	2 out of 2	Total protein ≥ 12 g/serve of which Milk protein ≥ X g/serve[5]	Fibre ≥ 1.1 g/100g[4,16]	4 out of 5[6] *AND* added sugar always ≤ 6.5g/100g	≥ 10% - ≤ 17.5% DV/serving	≤ 1.6 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 145 mg/100g
	Affordable Nutrition[7]	2 out of 2	Total protein ≥ 12 g/serve of which Milk protein ≥ Z g/serve[8]	Fibre ≥ 1.1 g/100g[4,16]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≥ 10% - ≤ 17.5% DV/serving	≤ 1.6 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 145 mg/100g
Classification	Positioning	***PLANT BASED PRODUCTS CONSUMED AS ALTERNATIVE TO DAIRY (READY TO CONSUME)***								
Plant-based drinks and spoonable	Tailored Nutrition	2 out of 2	Protein ≥ 1.6 g/100g	Ca ≥ 60 mg/100g[14]	5 out of 5	≤ 6% DV/serving	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Daily Nutrition	2 out of 2	Protein ≥ 1.6 g/100g	Ca ≥ 60 mg/100g[14]	4 out of 5[6] *AND* remaining criterion not to exceed ≥ 30% of criterion	≤ 6% DV/serving	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	Energy, TFA and sodium	≤ 6% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 100 mg/100g
Classification	Positioning	***OTHER FOODS (READY TO CONSUME)***								
Cereal-milk products	Tailored Nutrition	2 out of 2	Milk protein ≥ 0.87 g/100g	Fibre ≥ 0.35 g/100 g[16]	5 out of 5	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Daily Nutrition	2 out of 2	Milk protein ≥ 0.87 g/100g	Fibre ≥ 0.35 g/100 g[16]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Affordable Nutrition[7]	2 out of 2	(Milk) protein ≥ Z g/serve[8]	Fibre ≥ 0.35 g/100g[16]	4 out of 5[6] *AND* added sugar always ≤ 6.5 g/100g	≤ 8% DV/serving	≤ 1.4 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 100 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	Energy, TFA and sodium	≤ 8% DV/serving	No criterion	≤ 0.1 g/100g	No criterion	≤ 100 mg/100g
Beverages	Tailored Nutrition	2 out of 2	Milk protein ≥ X g/100g[18]	Ca ≥ Y mg/100g[18]	5 out of 5	≤ 20 kcal/100ml	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 20 mg/100g
	Daily Nutrition[17]	2 out of 2	Milk protein ≥ X g/100g[18]	Ca ≥ Y mg/100g[18]	4 out of 5[6] *AND* remaining criterion not to exceed ≥ 30% of criterion	≤ 20 kcal/100ml	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 20 mg/100g
	Treats & Taste Enhancers	-	No criterion	No criterion	4 out of 5[6] *AND* remaining criterion not to exceed ≥ 30% of criterion	≤ 20 kcal/100ml	≤ 1.1 g/100g	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 20 mg/100g
Ice cream	Tailored Nutrition	-	No criterion	No criterion	5 out of 5	≤ 110 kcal/serving	≤ 6.0 g/100g	≤ 0.4 g/100g	≤ 20 g/100g	≤ 200 mg/100g
	All other ice cream	-	No criterion	No criterion	4 out of 5[6] *AND* remaining criterion not to exceed ≥ 30% of criterion	≤ 110 kcal/serving	≤ 6.0 g/100g	≤ 0.4 g/100g	≤ 20 g/100g	≤ 200 mg/100g
Classification	Positioning	***SPORTS NUTRITION (READY TO CONSUME)***								
Recovery (maintain & grow muscle)	Tailored Nutrition	4 out of 4	Milk protein ≥ 20 - ≤ 30 g/serving	-		≤ 10% DV/serving	-	≤ 0.1 g/100g	≤ 5.0 g/100g	≤ 200 mg/serving
Energy concentrated / (carbs-electrolytes solution in smaller serving size - maintain endurance	Tailored Nutrition	3 out of 3	-	Carbohydrates ≥ 10 - ≤ 43.75 g/serving		≥ 40 - ≤ 175 kcal/serving	-	≤ 0.1 g/100g	-	≤ 200 mg/serving

Green : Products with nutritional purpose. Orange: Products without nutritional purpose.

1. 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.

2. Naturally occuring trans fatty acids from meat or milk are excluded.

3. YCF junior: minimum of 8.5 g lactose per 100 kcal and a maximum of total carbohydrates (incl. lactose and added sugar) conform Codex (+12.5 g/100 kcal for products ≥ 3g protein/100 kcal). Minimum for lactose level is based on lactose level in breastmilk.

4. Unless local availability and culture define that the product is made of a substantial part of e.g. maize/rice that do not contain significant levels of fibre by nature.

5. Amount of milk protein and calcium varies and criteria are set as ≥ 70% milk part expressed as ≥ 70% milk protein and calcium naturally present in the milk of the country or region.

6. Product should always comply with Trans Fatty Acids criteria.

7. Affordable nutrition products need to contain at least 15% of NRV per serve or per 100 g (for Milk (based) products and Cereal-milk products) and at least 30% of NRV per serve* or per 100 g (for Dairy based breakfast) of at least 5 out of the following micro-nutrients: Vit A, D, B1, B2, B12, C, Ca, Zn, Fe and I, unless the amount of milk protein and calcium as marker of milk part is ≥ the level of 100% milk. based on the milk protein and calcium content that is naturally present in the milk of the country or reaion. or unless not allowed by leaislation or when national fortification programs are in place. NRV (Nutrient Reference Value) accordina to Codex CAC/GL 2-1985. Fortification is based on WHO/FAO Guidelines on food fortification with micronutrients and CODEX CAC/GL 9-1987. *Products with serving size <100 g/ml should comply with 15% resp. 30% of NRV per serve.*

8. For affordable nutrition, criteria for (milk) protein and calcium are set, based on protein quality and serving size.

9. If ready to consume product is a drink: check if product fulfills criteria to secure (X and Y) of milk (based) product. If not it should be classified as Beverages.

10. For concentrated products consumed as such, a sodium level of 200 mg/100g is applicable.

11. Amount of milk protein and calcium varies and criteria are set as ≥ 50% milk part expressed as ≥ 50% milk protein and calcium naturally present in the milk of the country or region.

12. Amount of milk protein and calcium depends on the type of cheese.

13. Criteria for vitamin A and D are set per product based on the amount naturally present in butter (800 mcg vit A/100g and 0.3 mcg vit D/100g) and the % butter in the product.

14. Criteria is not applicable if micro-nutrient fortification is legally not allowed (e.g. organic products).

15. Criteria exclusively applicable for spoonable products. For drinkable breakfast products, criteria for milk (based) products apply.

16. Fibres naturally occuring in the main ingredients.

17. Coffee or tea with: milk, concentrated milk or milk powder.

18. Amount of milk protein and calcium varies and criteria are set as ≥ 15% milk part expressed as ≥ 15% milk protein and calcium naturally present in the milk of the country or region.

19. Based on International Choices criteria version 2019.

Protein criteria 'Tailored nutrition' and 'Daily nutrition' (referring to 'X' in GNS table)	Milk		Milk based	Beverages: Diluted in coffee or tea	Cereal-Milk Products	Dairy based breakfast
	g/100 g					g/serve
% Milk part	100%	70%	50%	15%		70%
NL	3.5	2.45	1.75	0.52	0.87	4.90 g/serve
EU other [1] MEA[2], Americas	3.3	2.30	1.65	0.49		4.60 g/serve
PK	3.1	2.15	1.55	0.46		4.30 g/serve
Asia	2.9	2.00	1.45	0.43		4.00 g/serve

1: BE, DE, HU, RO, GR, UK, ES, IT

2: Middle East and Africa

Calcium criteria 'Tailored nutrition' and 'Daily nutrition' (referring to 'Y' in GNS table)	Milk		Milk based	Beverages: Diluted in coffee or tea
	mg/100 g			
% Milk part	100%	70%	50%	15%
NL	120.0	84.0	60.0	17.5
EU other[1] MEA[2], Americas	113.0	79.0	56.5	16.5
PK	106.0	74.0	53.0	15.5
Asia	99.0	69.0	49.5	14.5

1: BE, DE, HU, RO, GR, UK, ES, IT

2: Middle East and Africa

Cheese protein and calcium criteria - per type	Protein criteria (referring to 'S' in GNS table)	Calcium criteria (referring to 'T' in GNS table)
	g/100 g	mg/100 g
Hard cheese	20.0	700.0
Spreadable, fresh and processed cheese	10.0	300.0

AFFORDABLE NUTRITION CRITERIA FOR TOTAL (MILK) PROTEIN (referring to 'Z' in GNS table) AND CALCIUM (referring to Q in GNS table)

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		Total (Milk) Protein			Calcium	
		For total (milk) protein choose one of the options			For Calcium choose one of the options	
Classification	Positioning	Option 1	Option 2	Option 3	Option 1	Option 2
Milk products	Affordable Nutrition	Milk protein ≥ 2 g/100g	For serving sizes ≥100g: Total protein ≥ 2 g/100g, of which Milk protein ≥ 0.6 g/100g and PDCAAS of all protein ≥ 70%	For serving sizes <100g: Total protein ≥ 2 g/serve, of which Milk protein ≥ 0.6 g/serve and PDCAAS of all protein ≥ 70%	For serving sizes ≥ 100g: Ca[a] ≥ 69 mg/100g	For serving sizes <100g: Ca[a] ≥ 69 mg/serve
Milk based products	Affordable Nutrition	Milk protein ≥ 1.45 g/100g	For serving sizes ≥100g: Total protein ≥ 1.45 g/100g, of which Milk protein ≥ 0.44 g/100g and PDCAAS of all protein ≥ 70%	For serving sizes <100g: Total protein ≥ 1.45 g/serve, of which Milk protein ≥ 0.44 g/serve and PDCAAS of all protein ≥ 70%	For serving sizes ≥ 100g: Ca[a] ≥ 49.5 mg/100g	For serving sizes <100g: Ca[a] ≥ 49.5 mg/serve
Dairy based breakfast (spoonable)	Affordable Nutrition	Total protein ≥ 12 g/serve, of which Milk protein ≥ 4 gram/serve	Total protein ≥ 12 g/serve, of which Milk protein ≥ 1.2 g/serve and PDCAAS of all protein ≥ 70%	not applicable	not applicable (fibre criterion applicable instead)	not applicable (fibre criterion applicable instead)
Cereal-milk products	Affordable Nutrition	Milk protein ≥ 0.87 g/100g	Total protein ≥ 0.87 g/100g, of which Milk protein ≥ 0.26 g/100 g and PDCAAS of all protein is ≥70%	not applicable	not applicable (fibre criterion applicable instead)	not applicable (fibre criterion applicable instead)

[a] *For Milk (based) products: If Ca is ≥ 150 mg per serve it complies to 15% NRV per serve of Codex CAC/GL 2-1985.*