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COMMISSION

Brussels, **XXX**
SANTE/10128/2016 ANNEX
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ANNEXES 1 to 2

ANNEXES

to the

COMMISSION DELEGATED REGULATION (EU) .../...

supplementing Regulation (EU) No 609/2013 of the European Parliament and of the Council as regards the specific compositional and information requirements for total diet replacement for weight control

ANNEX I

COMPOSITIONAL REQUIREMENTS REFERRED TO IN ARTICLE 2

1. ENERGY

The energy provided by total diet replacement for weight control products shall not be less than 2 510 kJ (600 kcal) and shall not exceed 5 020 kJ (1200 kcal) for the total daily ration.

2. PROTEIN

2.1. The protein contained in total diet replacement for weight control products shall not be less than 75 g and shall not exceed 105 g for the total daily ration.

2.2. For the purposes of point 2.1., 'protein' shall be understood as protein whose Protein Digestibility-Corrected Amino Acid Score is 1.0 when compared to the reference protein as set out in Annex II.

2.3. The addition of amino acids is permitted solely for the purpose of improving the nutritional value of the proteins contained in total diet replacement for weight control products, and only in the proportions necessary for that purpose.

3. CHOLINE

The choline contained in total diet replacement for weight control products shall not be less than 400 mg for the total daily ration.

4. LIPIDS

4.1. Linoleic acid

The linoleic acid contained in in total diet replacement for weight control products shall not be less than 11 g for the total daily ration.

4.2. Alpha-linolenic acid

The alpha-linolenic acid contained in total diet replacement for weight control products shall not be less than 1,4 g for the total daily ration.

5. CARBOHYDRATES

The carbohydrates contained in total diet replacement for weight control products shall not be less than 30 g for the total daily ration.

6. VITAMINS AND MINERALS

Total diet replacement for weight control products shall provide at least the amounts of vitamins and minerals specified in Table 1 for the total daily ration.

Total diet replacement for weight control products shall not contain more than 250 mg of magnesium for the total daily ration.

TABLE

Vitamin A	(µg RE ⁽¹⁾)	700
Vitamin D	(µg)	10
Vitamin E ⁽²⁾	(mg)	10
Vitamin C	(mg)	110
Vitamin K	(µg)	70
Thiamin	(mg)	0,8
Riboflavin	(mg)	1,6
Niacin	(mg-NE ⁽³⁾)	17
Vitamin B ₆	(mg)	1,6
Folate	(µg-DFE ⁽⁴⁾)	330
Vitamin B ₁₂	(µg)	3
Biotin	(µg)	40
Pantothenic acid	(mg)	5
Calcium	(mg)	950
Phosphorus	(mg)	730
Potassium	(g)	3, 1
Iron	(mg)	9
Zinc	(mg)	9,4
Copper	(mg)	1,1
Iodine	(µg)	150
Molybdenum	(µg)	65
Selenium	(µg)	70
Sodium	(mg)	575
Magnesium	(mg)	150
Manganese	(mg)	3
Chloride	(mg)	830
⁽¹⁾ Retinol equivalents ⁽²⁾ Vitamin E activity of RRR α-tocopherol. ⁽³⁾ Niacin equivalents ⁽⁴⁾ Dietary folate equivalents: 1 µg DFE = 1 µg food folate = 0.6 µg folic acid from total diet replacement for weight control.		

ANNEX II
AMINO ACID REQUIREMENT PATTERN⁽¹⁾

	g/100g protein
Cystine + methionine	2,2
Histidine	1,5
Isoleucine	3,0
Leucine	5,9
Lysine	4,5
Phenylalanine + tyrosine	3,8
Threonine	2,3
Tryptophan	0,6
Valine	3,9
⁽¹⁾ World Health Organization/Food and Agriculture Organization of the United Nations/United Nations University), 2007. Protein and amino acid requirements in human nutrition. Report of a Joint WHO/FAO/UNU Expert Consultation. (WHO Technical Report Series, 935, 284pp).	