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From: Secretary-General of the European Commission,  
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 2 June 2017

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of  
the European Union

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Subject: 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

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Delegations will find attached document C(2017) 3664 final - ANNEXES 1 to 2.

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Encl.: C(2017) 3664 final - ANNEXES 1 to 2



Brussels, 2.6.2017  
C(2017) 3664 final

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 3**

#### **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 1**

Vitamin A	( $\mu\text{g RE}^{(1)}$ )	700
Vitamin D	( $\mu\text{g}$ )	10
Vitamin E <sup>(2)</sup>	(mg)	10
Vitamin C	(mg)	110
Vitamin K	( $\mu\text{g}$ )	70
Thiamin	(mg)	0,8
Riboflavin	(mg)	1,6
Niacin	(mg-NE <sup>(3)</sup> )	17
Vitamin B <sub>6</sub>	(mg)	1,6
Folate	( $\mu\text{g-DFE}^{(4)}$ )	330
Vitamin B <sub>12</sub>	( $\mu\text{g}$ )	3
Biotin	( $\mu\text{g}$ )	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	( $\mu\text{g}$ )	150
Molybdenum	( $\mu\text{g}$ )	65
Selenium	( $\mu\text{g}$ )	70
Sodium	(mg)	575
Magnesium	(mg)	150
Manganese	(mg)	3
Chloride	(mg)	830
<p><sup>(1)</sup> Retinol equivalents</p> <p><sup>(2)</sup> Vitamin E activity of RRR <math>\alpha</math>-tocopherol.</p> <p><sup>(3)</sup> Niacin equivalents</p> <p><sup>(4)</sup> Dietary folate equivalents: 1 <math>\mu\text{g DFE} = 1 \mu\text{g food folate} = 0.6 \mu\text{g folic acid from total diet replacement for weight control.}</math></p>		

## ANNEX II

### AMINO ACID REQUIREMENT PATTERN<sup>(1)</sup>

	<b>g/100g protein</b>
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
<sup>(1)</sup> 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).	