

# EU Regulation for Infant and Follow-on Formulae

	New EU Regulation (2016/127, from 02.2020)			Previous EU Regulation (2006/141/EG)		
Energy	60-70 kcal/100ml	(250-293 kJ/100ml)		60-70 kcal/100ml	(250-293 kJ/100ml)	
	min	per 100 kcal	max	min	per 100 kcal	max
<b>Macronutrients</b>						
Protein	IF: <b>1,8 g</b> / FF: 1,6 g HA-Formula: IF & FF 1,86	<b>2,5 g</b> HA: 2,8 g		1,8 g HA: 1,8 g	3,0 g HA: 3,0 g	
Carbohydrates, thereof	9,0 g	14,0 g		9,0 g	14,0 g	
– Lactose	4,5 g			4,5 g	–	
– Starch		< 2 g per 100ml*		–	< 2 g per 100ml*	
Fat, thereof:	4,4 g	6,0 g		4,4 g	6,0 g	
Trans fatty acids		< 3 % of TF		–	< 3 % of TF	
– saturated fatty acids		IF: < 0,4 % Erucaacid FF: < 1 % Erucaacid of TF		–	< 1 % Erucaacid of TF	
– Linoleic acid (Omega-6)	<b>500 mg</b>	1200 mg		300 mg	1200 mg	
– Linolenic acid (Omega-3)	50 mg	<b>100 mg</b>		50 mg	–	
Relation Linoleic to Linolenic	–	–		5	15	
ARA		1 % TF		–	1 % GF	
DHA	<b>20 mg</b>	<b>50 mg</b>		–	–	
<b>Minerals</b>						
Sodium	<b>25 mg</b>	60 mg		20 mg	60 mg	
Potassium**	<b>80 mg</b>	160 mg		60 mg	160 mg	
Chloride	<b>60 mg</b>	160 mg		50 mg	160 mg	
Calcium	50 mg	140 mg		50 mg	140 mg	
Phosphor	25 mg	90 mg		25 mg	90 mg	
Relation Calcium-Phosphor (molar)	1	2		1	2	
Magnesium	5 mg	15 mg		5 mg	15 mg	
Iron	IF: 0,3 mg / FF: 0,6 mg	IF: 1,3 mg / FF: 2,0 mg		IF: 0,3 mg / FF: 0,6 mg	IF: 1,3 mg / FF: 2,0 mg	
Zinc	0,5 mg	1,0 mg		0,5 mg	1,5 mg	
Copper	<b>60 µg</b>	100 µg		35 µg	100 µg	
Iodine	<b>15 µg</b>	<b>29 µg</b>		10 µg	50 µg	
Selenium	<b>3,0 µg</b>	<b>8,6 µg</b>		1 µg	9 µg	
Manganese	1,0 µg	100 µg		1 µg	100 µg	
Fluoride	–	100 µg		–	100 µg	
Molybdenum	–	<b>14 µg</b>		–	–	
<b>Vitamins</b>						
Vitamin A	<b>70 µg</b>	<b>114 µg</b>		60 µg	180 µg	
Vitamin D	<b>2,0 µg</b>	IF: 2,5 µg / FF: 3 µg		1 µg	2,5 µg	
Vitamin E (TE)	<b>0,6 mg</b>	5 mg		0,5 mg	5 mg	
Vitamin K	<b>1 µg</b>	25 µg		4 µg	25 µg	
Vitamin C	<b>4 mg</b>	30 mg		10 mg	30 mg	
Thiamine (Vit. B1)	<b>40 µg</b>	300 µg		60 µg	300 µg	
Riboflavin (Vit. B2)	<b>60 µg</b>	400 µg		80 µg	400 µg	
Niacin	<b>400 µg</b>	1500 µg		300 µg	1500 µg	
Vitamin B6	<b>20 µg</b>	175 µg		35 µg	175 µg	
Folate equivalents	<b>15 µg</b>	<b>47,6 µg</b>		–	–	
Folic acid	–	–		10 µg	50 µg	
Vitamin B12	0,1 µg	0,5 µg		0,1 µg	0,5 µg	
Pantothenic acid	400 µg	2000 µg		400 µg	2000 µg	
Biotin	<b>1 µg</b>	7,5 µg		1,5 µg	7,5 µg	
Choline	<b>25 mg**</b>	50 mg**		7 mg**	50 mg**	
Inositol	4 mg**	40 mg**		4 mg**	40 mg**	
Carnitine	<b>1,2 mg**</b>	–		only HA: 1,2 mg**	–	
Taurine	–	12 mg***		–	12 mg***	

**Legend:**  
**green** = Changes new EU Regulation to previous EU Regulation  
 IF = Infant Formula  
 FF = Follow-on Formula  
 HA = Hypoallergenic Formula

\*max. 30 % of total Carbohydrates

TF: % of Total Fat Content, Eruca = Erucaacid; TFA = Trans fatty acids

\*\*only in Infant Formula

\*\*\* Maximum applies only with addition