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ANNEX

The Annex to Implementing Regulation (EU) 2017/2470 is amended as follows:

(1) in Table 1 (Authorised novel foods), the following entry is inserted: [*OP, please insert in the EN version in alphabetical order.*]

Authorised novel food	Conditions under which the novel food may be used			Additional specific labelling requirements	Other requirements
Frozen, dried and powder forms of <i>Acheta domesticus</i> (house cricket)	Specified food category	Maximum levels (g/100g) (marketed as such or reconstituted according to the instructions)		1. Depending on the form used, the designation of the novel food on the labelling of the foodstuffs containing it shall be ‘Frozen <i>Acheta domesticus</i> (house cricket)’, ‘Dried/powdered <i>Acheta domesticus</i> (house cricket)’ depending on the form used. 2. The labelling of the foodstuffs containing frozen, dried and powder forms of <i>Acheta domesticus</i> (house cricket) shall bear a statement that this ingredient may cause	
		Frozen	Dried or powder		
	Crackers and breadsticks	9.6	4.8		
	Cereal bars	17.8	8.9		
	Ready to eat meals	10.0	5.0		
	Salads	10.0	5.0		
	Finger foods	9.6	4.8		
	Chocolate confectionary (for products defined in Part A of Annex I to Directive 2000/36/EC, only in products authorised in accordance with that Directive	2.0	1.0		

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				<p>allergic reactions to consumers with known allergies to crustaceans, molluscs and products thereof, and to dust mites.</p> <p>This statement shall appear in close proximity to the list of ingredients.</p>	
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(2) in Table 2 (Specifications), the following entry is inserted: [OP, please insert in the EN version in alphabetical order.]

Authorised Novel Food	Specification			
Frozen, dried and powder forms of <i>Acheta domesticus</i> (house cricket)	Description/Definition: <p>The novel food consists of the whole, frozen, dried and powder forms of the house cricket (<i>Acheta domesticus</i>). The term ‘house cricket’ refers to the adult <i>Acheta domesticus</i>, an insect species that belongs to the Gryllidae family.</p> <p>The novel food is intended to be marketed in three different forms, namely: (i) thermally processed and frozen whole <i>A. domesticus</i> (AD frozen); (ii) thermally processed and freeze-dried whole <i>A. domesticus</i> (AD dried), and (iii) thermally processed freeze-dried and ground whole <i>A. domesticus</i> (whole AD powder).</p> <p>A minimum 24 hours fasting period is required before killing the insects by a thermal processing to allow the adults to discard their bowel content.</p>			
	Parameters	AD Frozen	AD dried	AD powder
	Characteristics/Composition			
	Ash	1.0-2.0	4.0- 6.0	
	Moisture (% w/w)	65-80	2-10	
	Crude protein (N x 6.25) (% w/w)	15-25	45-65	50-70
	Fat (% w/w)	3.5-9.0	12-25	10-18
	- of which saturated fatty acids (% fat)	1.0-3.0	4.0-10.0	3.0-5.0
	Digestible carbohydrates (% w/w)	0.1-2.5	0.5-10	0.1-5.0

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	Dietary fibre (% w/w)	1.0-2.5	5.0-10.0	
	Chitin* (% w/w)	1.5-5.0	5.5-10.0	4.0-12
	Peroxide value (Meq O ₂ /kg fat)	< 5		
	Minerals			
	Manganese (mg/kg)	< 50	< 100	
	Contaminants			
	<i>Heavy metals</i>			
	Lead (mg/kg)	< 0,05	< 0,075	
	Cadmium (mg/kg)	< 0,02	≤ 0,1	
	Mercury (mg/kg)	< 0.025		
	Arsenic (mg/kg)	< 0.03	< 0.07	
	<i>Mycotoxins</i>			
	Aflatoxins (Sum of B1, B2, G1, G2) (µg/kg)	≤ 4		
	Aflatoxin B1 (µg/kg)	≤ 2		
	Deoxynivalenol (µg/kg)	≤ 200		

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	Ochratoxin A (µg/kg)	≤ 1
	Fumonisin B1 + B2	< 40
	Zearalenone	< 10
	<i>Other contaminants</i>	
	Sum of dioxins and dl-PCBs (UB, WHO-TEQ2005)** (pg/g fat)	< 1.25
	Microbiological criteria	
	Total aerobic colony count (CFU/g)	≤ 10 ⁵
	Enterobacteriaceae (presumptive) (CFU/g)	≤ 100
	<i>Escherichia coli</i> (CFU/g)	< 10
	<i>Listeria monocytogenes</i>	Absence in 25g
	<i>Salmonella</i> spp.	Absence in 25g
	<i>Bacillus cereus</i> (presumptive) (CFU/g)	< 100
	<i>Clostridium perfringens</i> (CFU/g)	< 10
	Sulphite-reducing anaerobes (CFU/g)	< 10
	Yeasts and moulds (CFU/g)	< 100

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* Chitin calculated as the difference between the Acid Detergent Fibre fraction and the Acid Detergent Lignin fraction (ADF-ADL), as described by Hahn et al. (2018).

** Upper bound sum of polychlorinated dibenzo-para-dioxins (PCDDs)-polychlorinated dibenzofurans (PCDFs) and dioxin-like polychlorinated biphenyls (PCBs) expressed as World Health Organization toxic equivalent (using WHO-TEFs of 2005)).

CFU: colony forming units.

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