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EN

## 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	Data protection
<i>Acheta domesticus</i> (house cricket) powder	Specified food category	Maximum levels (g of novel food/100g) (marketed as such or reconstituted according to the instructions)	<p>1.The designation of the novel food on the labelling of the foodstuffs containing it shall be ‘<i>Acheta domesticus</i> (house cricket) powder’.</p> <p>2.The labelling of the foodstuffs containing <i>Acheta domesticus</i> (house cricket) powder shall bear a statement that this ingredient may cause 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>		<p>Authorised on <i>[OP please insert the date dd.mm.yyyy - 20th day following its publication]</i>. This inclusion is based on proprietary scientific evidence and scientific data protected in accordance with Article 26 of Regulation (EU) 2015/2283. Applicant: Società Agricola Italian Cricket Farm S.r.l., Via Vigone, N° 20, Scalenghe, 10060 Torino, Italy</p> <p>During the period of data</p>
	Cakes	10			
	Biscuits	15			
	Pasta-based products	15			

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	Whey powder	50			protection, the novel food <i>Acheta domesticus</i> (house cricket) powder is authorised for placing on the market within the Union only by Società Agricola Italian Cricket Farm S.r.l., unless a subsequent applicant obtains authorisation for the novel food without reference to the proprietary scientific evidence or scientific data protected in accordance with Article 26 of Regulation (EU) 2015/2283 or with the agreement of Società Agricola Italian Cricket Farm S.r.l..
	Meat analogues	15			
	Sandwiches, pizza and other stuffed bread-like cereal products	10			
	Chocolate confectionary (For products defined in Part A of Annex I to Directive 2000/36/EC, only in products authorised in part B of Annex I to Directive 2000/36/EC)	15			

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(1) in Table 2 (Specifications), the following entry is inserted: [OP, please insert in the EN version in alphabetical order.]

Authorised Novel Food	Specification
<p><b><i>Acheta domesticus</i> (house cricket) powder</b></p>	<p><b>Description/Definition:</b></p> <p>The novel food consists of the powder form of the house cricket. The term ‘house cricket’ refers to the adult <i>Acheta domesticus</i>, an insect species that belongs to the Gryllidae family. The novel food is intended to be marketed as thermally processed and dried whole <i>Acheta domesticus</i>.</p> <p>A minimum 24 hours fasting period is required to allow the adults to discard their bowel content before killing the insects by a thermal treatment.</p> <p><b>Characteristics/composition</b></p> <p>Crude protein (N x 6.25) (% w/w): 61 – 72</p> <p>Fat (% w/w): 11 – 22</p> <p>Saturated fatty acids (% w/w): 1.5 – 12</p> <p>Dietary fibre (% w/w): 4.0 – 14</p> <p>Chitin* (% w/w): 2.5 – 9.0</p> <p>Moisture (% w/w): 1.0 – 5.5</p> <p>Digestible carbohydrates (% w/w): ≤ 5.0</p> <p>Manganese (mg/kg): ≤ 7.0</p> <p>Peroxide value (Meq O<sub>2</sub>/kg fat): ≤ 2.5</p> <p>p-anisidine ≤ 1.0</p> <p><b>Heavy metals</b></p> <p>Lead (mg/kg) ≤ 0.10</p> <p>Cadmium (mg/kg) ≤ 0.06</p>

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### **Mycotoxins**

Aflatoxins (Sum of B1, B2, G1, G2):  $\leq 0,4 \mu\text{g/kg}$

Deoxynivalenol ( $\mu\text{g/kg}$ )  $\leq 200$

~~Ochratoxin A ( $\mu\text{g/kg}$ )  $\leq 1$~~

Fumonisin B1 & B2 ( $\mu\text{g/kg}$ )  $\leq 40$  (or 200 – Contaminant Reg)

Ochratoxin A ( $\mu\text{g/kg}$ )  $\leq 0.3$  (or 1 – as already set up in the Union List)

Zearalenone ( $\mu\text{g/kg}$ )  $\leq 10$ <sub>[PBRL(1)]</sub> (or 20 – Contaminant Reg)

### **Dioxins and dioxin like PCBs**

Sum of dioxins and dioxins-like PCBs UB, (\*\*WHO<sub>2005</sub> PCDD/F-PCB-TEQ) (pg/g fat)  $< 1,25$

### **Microbiological criteria**

Total aerobic microbial count (CFU/g):  $< 10^5$

Enterobacteriaceae (presumptive):  $\leq 100 \text{ CFU/g}$

*Escherichia coli*:  $\leq 50 \text{ CFU/g}$

*Listeria monocytogenes*: Not detected in 25 g

*Salmonella* spp.: Not detected in 25 g

*Bacillus cereus* (presumptive):  $\leq 100 \text{ CFU/g}$

Coagulase positive *staphylococci*:  $\leq 100 \text{ CFU/g}$

*Clostridium perfringens*:  $\leq 10 \text{ CFU/g}$ <sub>[PBRL(2)]</sub>

Total yeast and mould count:  $\leq 100 \text{ CFU/g}$

CFU: colony forming units

\*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

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	biphenyls (PCBs) expressed as World Health Organization toxic equivalent (using WHO-TEFs of 2005))
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