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**ANNEX**

In the Annex to Implementing Regulation (EU) 2017/2470, in Table 2 (Specifications), the entry for extend the range of vitamin D<sub>2</sub> mushroom powder is replaced by the following:

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| Authorised Novel Food                        | Specification   |
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| <b>Vitamin D<sub>2</sub> mushroom powder</b> | <p><b>Description/Definition:</b></p> <p>The novel food is mushroom powder produced from the dried whole <i>Agaricus bisporus</i> mushrooms. The process includes drying, milling and the controlled exposure of the mushroom powder to UV irradiation.</p> <p>UV radiation: A process of radiation in ultraviolet light within a range of wavelength similar to those UV-treated novel foods authorised under Regulation (EU) 2015/2283.</p> <p><b>Characteristics/composition:</b></p> <p>Vitamin D<sub>2</sub> content: 137,5-595 µg/g of mushroom powder</p> <p>Ash: ≤ 13,5 %</p> <p>Water activity: &lt; 0,5</p> <p>Moisture content: ≤ 7,5%</p> <p>Total carbohydrates: ≤ 60%</p> <p>Crude protein (N × 6,25): ≥ 22%</p> <p>Fat: ≤ 4,5 %</p> <p><b>Heavy metals:</b></p> <p>Lead: ≤ 0,5 mg/kg</p> <p>Cadmium: ≤ 0,5 mg/kg</p> <p>Mercury: ≤ 0,1 mg/kg</p> <p>Arsenic: ≤ 0,3 mg/kg</p> <p><b>Mycotoxins:</b></p> <p>Aflatoxin B1: ≤ 0,10 µg/kg</p> <p>Aflatoxins (sum of B1 + B2 + G1 + G2): &lt; 4 µg/kg</p> <p><b>Microbiological criteria:</b></p> <p>Total plate count: ≤ 5 000 CFU <u>(1)</u></p> |

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|--|---|
|  | <p>Total yeast and mould count: &lt; 100 CFU/g</p> <p><i>E. coli</i>: &lt; 10 CFU/g</p> <p><i>Salmonella</i> spp.: Absence in 25 g</p> <p><i>Staphylococcus aureus</i>: ≤ 10 CFU/g</p> <p>Coliforms: ≤ 10 CFU/g</p> <p><i>Listeria</i> spp.: Absence in 25 g</p> <p>Enterobacteriaceae: &lt; 10 CFU/g</p> <p>CFU: colony forming units.</p> |
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