



Classification of cultivated fat biomass from cell culture of *Bos taurus* (Cattle) as a novel food

Date: 11th April 2025

An application was submitted to the Federal Food Safety and Veterinary Office FSVO for classification of cultivated fat biomass from cell culture of *Bos taurus* (Cattle) as a novel food.

This food is obtained by culturing non-genetically modified cells from domestic cattle (*Bos taurus*), with a minimum protein content of 3-9%. This cell mass then develops on an alginate scaffold. The foodstuff is in the form of a viscous paste that is white to beige in colour. This foodstuff can be used as an ingredient in the production of meat substitutes, with a maximum inclusion rate of 20% of the final product's weight.

The FSVO has examined the documents submitted and has determined the novel food status of cultivated fat biomass from cell culture of *Bos taurus* (Cattle). The documents show that this food was not used for human consumption to a significant degree in either Switzerland or an EU Member State before 15 May 1997 and, in accordance with Article 15 para. 1 of the Ordinance on Foodstuffs and Utility Articles (FUAO; SR 817.02), therefore falls within the definition of a novel food, and in particular within the category:

“Foodstuff consisting of, isolated from or produced from cell or tissue cultures obtained from animals, plants, microorganisms, fungi or algae” (Art. 15 para.1 let. f FUAO).

Cultivated fat biomass from cell culture of *Bos taurus* (Cattle) is therefore subject to the authorisation requirement for novel foods under Article 17 FUAO.

