

SCHEDULE 5

Article 27(3) and Schedule 4

Treatments to ensure the destruction of disease virus

PART 1

Products of animal origin (other than fresh meat, milk and milk products)

Meat products

1. Meat products fall within this paragraph if they have undergone any of the following treatments or are produced from meat which has undergone those treatments—

- (a) heat treatment in a hermetically sealed container at a level of at least Fo3;
- (b) heat treatment at a minimum temperature of 70°C, reached throughout the meat;
- (c) heat treatment in a hermetically sealed container to at least 60°C for a minimum of 4 hours, during which the core temperature must be at least 70°C for 30 minutes;
- (d) natural fermentation and maturation of not less than nine months, resulting in the following characteristics—
 - (i) Aw value of not more than 0.93, or
 - (ii) pH value of not more than 6.0;
- (e) heat treatment ensuring a core temperature of at least 65°C is reached for the time necessary to achieve a pasteurisation value equal to or more than 40.

Hides and skins

2. [^{F1}Hides and skins fall within this paragraph if they comply with the requirements in Article 36 of Regulation (EC) No. 1069/2009 and point 28(c) and (d) of Annex I to Regulation (EU) No. 142/2011].

F1 Sch. 5 para. 2 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(a)**

Wool, ruminant hair and pig bristles

3. [^{F2}Wool, ruminant hair and pig bristles fall within this paragraph if they comply with the requirements of Article 36 of Regulation (EC) No. 1069/2009 and Article 24(4) of Regulation (EU) No. 142/2011].

F2 Sch. 5 para. 3 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(b)**

Products derived from susceptible animals

4. Products derived from susceptible animals fall within this paragraph if they have undergone one of the following treatments—

- (a) heat treatment in a hermetically sealed container at a level of at least Fo3;
- (b) heat treatment in which the centre temperature is raised to at least 70°C for at least 60 minutes.

Changes to legislation: There are currently no known outstanding effects for the The Foot-and-Mouth Disease (Wales) Order 2006, SCHEDULE 5. (See end of Document for details)

Blood and blood products

5. [^{F3}Blood and blood products of susceptible animals fall within this paragraph if they are used for technical purposes (including pharmaceuticals, in vitro diagnostics and laboratory reagents) and have undergone any of the treatments referred to in point 2(b)(ii) of Chapter IV of Annex XIII to Regulation No. 142/2011].

F3 Sch. 5 para. 5 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(c)**

Lard and rendered fats

6. [^{F4}Lard and rendered fats fall within this paragraph if they have undergone the heat treatment referred to in point 3(d) of Chapter I of Annex XIV to Regulation (EU) No. 142/2011].

F4 Sch. 5 para. 6 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(d)**

Petfood and dog chews

7. [^{F5}Petfood and dog chews fall within this paragraph if they comply with Chapter II of Annex XIII to Regulation (EU) No. 142/2011].

F5 Sch. 5 para. 7 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(e)**

Game trophies of ungulates

8. [^{F6}Game trophies of ungulates fall within this paragraph if they comply with the requirements of Chapter VI of Annex XIII to Regulation (EU) No. 142/2011].

F6 Sch. 5 para. 8 substituted (28.3.2014) by [The Animal By-Products \(Enforcement\) \(Wales\) Regulations 2014 \(S.I. 2014/517\)](#), reg. 1(2)(3), **Sch. 2 para. 1(6)(f)**

Animal casings

9. Animal casings fall within this paragraph if they have been cleaned, scraped and either salted with sodium chloride for 30 days or bleached or dried after scraping and were protected from recontamination after treatment.

PART 2

Products not of animal origin

Straw and forage

10. Straw and forage falls within this paragraph if it has either—
- (a) undergone the action of—

- (i) steam in a closed chamber for at least 10 minutes and at a minimum temperature of 80°C, or
 - (ii) formalin fumes (formaldehyde gas) produced in a chamber kept closed for at least 8 hours and at a minimum temperature of 19°C, at 35-40% concentration; or
- (b) been stored in packages or bales under shelter at premises situated not closer than 2 kilometres to the nearest infected premises and kept at such premises until at least three months have elapsed following the completion of all cleansing and disinfection in the protection zone surrounding the nearest infected premises (and in any case not before that protection zone has been terminated).

PART 3

Fresh meat

De-boning

11. Meat (together with diaphragms but excluding offal) is deboned so that it falls within this paragraph if the bone and main accessible lymphatic glands have been removed.

Maturation

- 12.** Carcasses are matured so that they fall within this paragraph if they—
- (a) have been matured at a temperature of more than 2°C for at least 24 hours, and
 - (b) have a pH value in the middle of the Longissimus dorsi recorded at less than 6.0.

PART 4

Milk and milk products

Milk and milk products for human consumption

13.—(1) Milk and milk products for human consumption fall within this paragraph if they have undergone one of the following treatments—

- (a) sterilisation at a level of at least Fo3;
- (b) Ultra-High Temperature treatment at 132°C for at least one second;
- (c) High Temperature Short Time pasteurisation at 72°C for at least 15 seconds or any other pasteurisation treatment which achieves a negative reaction to a phosphatase test (with any pasteurisation under this paragraph applied twice to milk with a pH of 7.0 or above);
- (d) High Temperature Short Time pasteurisation at 72°C for at least 15 seconds or any other pasteurisation treatment which achieves a negative reaction to a phosphatase test and either—
 - (i) lowering the pH below 6.0 for at least one hour, or
 - (ii) heating to 72°C or more combined with desiccation.

(2) Milk products for human consumption fall within this paragraph if they are produced from milk which has undergone one of the treatments in sub-paragraph (1).

Milk and milk products not intended for human consumption

14.—(1) Milk and milk products not intended for human consumption (including whey intended for susceptible animals) fall within this paragraph if they have undergone one of the following treatments—

- (a) sterilisation at a level of at least Fo3;
- (b) Ultra-High Temperature treatment at 132°C for at least one second and either;
 - (i) lowering the pH below 6.0 for at least one hour, or
 - (ii) heating to 72°C or more combined with desiccation;
- (c) High Temperature Short Time pasteurisation, applied twice, at 72°C for at least 15 seconds or any other pasteurisation treatment which achieves a negative reaction to a phosphatase test;
- (d) High Temperature Short Time pasteurisation at 72°C for at least 15 seconds or any other pasteurisation treatment which achieves a negative reaction to a phosphatase test and either—
 - (i) lowering that pH below 6.0 for at least one hour, or
 - (ii) heating to 72°C or more combined with desiccation.

(2) Milk products not for human consumption (other than whey intended for susceptible animals) fall within this paragraph if they are produced from milk which has undergone one of the treatments in sub-paragraph (1).

- (3) Whey intended for susceptible animals falls within this paragraph if it is—
- (a) collected at least 16 hours after milk clotting, and
 - (b) (if intended for feeding to pigs) has a recorded pH of less than 6.0 before leaving the establishment in which the milk has been treated.

Changes to legislation:

There are currently no known outstanding effects for the The Foot-and-Mouth Disease (Wales) Order 2006, SCHEDULE 5.