SCOTTISH STATUTORY INSTRUMENTS

2022 No. 168

FOOD

The Novel Foods (Authorisations) and Smoke Flavourings (Modification of Authorisations) (Scotland) Regulations 2022

Made	18th May 2022
Laid before the Scottish	
Parliament	20th May 2022
Coming into force	
for the purpose of	
regulation 1(2)	18th June 2022
for the purpose of	
regulation $1(3)$	30th June 2022

The Scottish Ministers make these Regulations in exercise of the powers conferred by Articles 12(1)(1) and 32A(3) of Regulation (EU) 2015/2283 of the European Parliament and of the Council on novel foods, amending Regulation (EU) No. 1169/2011 of the European Parliament and of the Council and repealing Regulation (EC) No. 258/97 of the European Parliament and of the Council and Commission Regulation (EC) No. 1852/2001(2), Article 11(4) of Regulation (EC) No. 2065/2003 of the European Parliament and of the Council on smoke flavourings used or intended for use in or on foods(3), and all other powers enabling them to do so.

There has been consultation as required by Article 9 of Regulation (EC) No. 178/2002 of the European Parliament and of the Council laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety(4).

Citation, commencement and extent

1.—(1) These Regulations may be cited as the Novel Foods (Authorisations) and Smoke Flavourings (Modification of Authorisations) (Scotland) Regulations 2022 and come into force in accordance with paragraphs (2) and (3).

(2) Regulations 1, 2 and 4 come into force on 18 June 2022.

⁽¹⁾ Article 9 makes provision as regards how the regulation-making power in Article 12(1) is to be exercised and Article 27(1) lays down requirements as regards the information to be included in the entry for a novel food on the list set out in Regulation (EU) 2017/2470 where it is authorised based on proprietary scientific evidence or scientific data.

 ⁽²⁾ EUR 2015/2283 as amended by S.I. 2019/702. The terms "prescribe" and "appropriate authority" are defined in Article 3.
 (3) EUR 2065/2003 as amended by S.I. 2019/860. The terms "prescribe" and "appropriate authority" are defined in Article 3.

⁽⁴⁾ EUR 178/2002 as amended by S.I. 2019/641.

- (3) Regulation 3 comes into force on 30 June 2022.
- (4) These Regulations extend to Scotland only.

Interpretation

2.—(1) In these Regulations—

"Regulation (EU) 1321/2013" means Commission Implementing Regulation (EU) No. 1321/2013 establishing the Union list of authorised smoke flavouring primary products for use as such in or on foods and/or for the production of derived smoke flavourings(5), and

"Regulation (EU) 2017/2470" means Commission Implementing Regulation (EU) 2017/2470 establishing the Union list of novel foods in accordance with Regulation (EU) 2015/2283 of the European Parliament and of the Council on novel foods(**6**).

(2) Unless the contrary intention appears, any expression used both in these Regulations and in Regulation (EU) 1321/2013 or Regulation (EU) 2017/2470 has the same meaning as it bears in those Regulations.

Authorisation and change to conditions of use and specifications of novel foods

3. The list of authorised novel foods set out in the Annex to Regulation (EU) 2017/2470 is amended in accordance with schedules 1 to 5.

Modification of authorisation holders: authorised smoke flavouring primary products

4.—(1) The list of authorised smoke flavouring primary products set out in the Annex to Regulation (EU) 1321/2013 is amended in accordance with paragraphs (2) to (5).

- (2) In the entry for Scansmoke PB 1110 for—
 - (a) "Azelis Denmark A/S" substitute "proFagus GmbH", and
 - (b) "Lundtoftegaardsvej 95, 2800, Lyngby, DENMARK" substitute "Uslarer Strasse 30, 37194 Bodenfelde, GERMANY".
- (3) In the entry for Zesti Smoke Code 10 for—
 - (a) "Mastertaste" substitute "Kerry Group Plc", and
 - (b) "Draycott Mills, Cam, Dursley, Gloucestershire, GL11 5NA, UNITED KINGDOM" substitute "Prince's Street, Tralee, Co. Kerry, V92 EH11, IRELAND".
- (4) In the entries for SmokeEz C-10 and SmokeEz Enviro-23 for-
 - (a) "Red Arrow Products Company LLC" substitute "Kerry Group Plc", and
 - (b) "P.O. Box 1537, 633 South 20th street, Manitowoc, WI 54221-1537, USA" substitute "Prince's Street, Tralee, Co. Kerry, V92 EH11, IRELAND".
- (5) In the entry for TradismokeTM A MAX for—
 - (a) "Nactis" substitute "J. Rettenmaier & Söhne GmbH + CO KG", and
 - (b) "36, rue Gutenberg ZI La Marinière, 91070 Bondoufle, FRANCE" substitute "Holzmühle 1, 73494 Rosenberg, GERMANY".

⁽⁵⁾ EUR 1321/2013 as amended by S.I. 2019/860.

⁽⁶⁾ EUR 2017/2470 as amended by S.I. 2019/702.

St Andrew's House, Edinburgh 18th May 2022

MAREE TODD Authorised to sign by the Scottish Ministers

SCHEDULE 1

Regulation 3

Change to conditions of use and specifications of 2'-Fucosyllactose/ Difucosyllactose mixture ('2'FL/DFL') (microbial source)

1. In the entry for 2'-Fucosyllactose/Difucosyllactose mixture ('2'-FL/DFL') (microbial source) in Table 1 (authorised novel foods) insert at the end the following condition of use—

2. For the entry for 2'-Fucosyllactose/Difucosyllactose mixture ('2'-FL/DFL') (microbial source) in Table 2 (specifications) substitute the following—

"2'-Fucosyllactose /	Description/Definition:
Difucosyllactose mixture ('2'-FL/DFL') (microbial source)	2'-Fucosyllactose/Difucosyllactose mixture is a purified, white to off-white powder or agglomerates thereof that is produced by a microbial process.
	Source : Genetically modified strain of <i>Escherichia coli</i> strain K-12 DH1
	Characteristics/Composition:
	Appearance: White to off-white powder or agglomerates
	Sum of 2'-Fucosyllactose, Difucosyllactose, D-Lactose, L-Fucose, and 3-Fucosyllactose (% of dry matter): \geq 92.0 % (w/w)
	Sum of 2'-fucosyllactose and difucosyllactose (% of dry matter): $\geq 85.0 \% (w/w)$
	2'-Fucosyllactose (% of dry matter): \geq 75.0 % (w/w)
	Difucosyllactose (% of dry matter): ≥ 5.0 % (w/w)
	D-Lactose: $\leq 10.0 \%$ (w/w)
	L-Fucose: $\leq 1.0 \%$ (w/w)
	2'-Fucosyl-D-lactulose: $\leq 2.0 \%$ (w/w)

Sum of other carbohydrates(7): $\leq 6.0 \%$ (w/w)
Moisture: $\leq 6.0 \%$ (w/w)
Ash, sulfated: $\leq 0.8 \%$ (w/w)
pH (20 °C, 5 % solution): 4.0-6.0
Residual protein: $\leq 0.01 \%$ (w/w)
Microbiological criteria:
Aerobic mesophilic bacteria total plate count: \leq 1000 CFU/g
Enterobacteriaceae: ≤ 10 CFU/g
Salmonella sp.: Negative/25 g
Yeast: $\leq 100 \text{ CFU/g}$
Mould: $\leq 100 \text{ CFU/g}$
Residual endotoxins: $\leq 10 \text{ EU/mg}$
CFU: Colony Forming Units; EU: Endotoxin Units"

SCHEDULE 2

Regulation 3

Authorisation of Schizochytrium sp. (FCC-3204) oil

1. In Table 1 (authorised novel foods), after the entry for *Schizochytrium* sp. (ATCC PTA-9695) oil insert the following entry-

"Schizochytrin sp.(FCC-3204 oil	unipecified food category	Maximum levels of DHA		
	Food supplements as defined in the Food Supplements (Scotland) Regulations 2003(8) excluding food supplements for infants and	1 g/day	The designation of the novel food on the labelling of the foodstuffs containing it is "Oil from the microalgae <i>Schizochytrium</i> sp.".	

 ^{(7) 2&#}x27;-Fucosyl-galactose, Glucose, Galactose, Mannitol, Sorbitol, Galactitol, Trihexose, Allo-lactose and other structurally related carbohydrates.
 (8) S.S.I. 2003/278, as relevantly amended by S.S.I. 2019/54.

children under 3 years of age	
Infant formula and follow- on formula as defined 	

2. In Table 2 (specifications), after the entry for *Schizochytrium* sp. (ATCC PTA-9695) oil insert the following entry–

"Schizochytrium sp.(FCC-3204) oil	Description/Definition:
	The novel food is an oil produced from the strain FCC-3204 of the microalgae <i>Schizochytrium</i> sp.
	Composition:
	Acid value: $\leq 0.5 \text{ mg KOH}$ (potassium hydroxide)/g
	Peroxide value (PV): \leq 5.0 meq (milliequivalent)/kg oil
	Moisture and volatiles: ≤ 0.05 %
	Unsaponifiables: ≤4.5 %
	Trans-fatty acids: ≤ 1.0 %
	Docosahexaenoic acid (DHA): \geq 32.0 %
	p-anisidine value: ≤ 10 "

SCHEDULE 3

Regulation 3

Authorisation of Schizochytrium sp. (WZU477) oil

1. In Table 1 (authorised novel foods), after the entry for *Schizochytrium* sp. (T18) oil insert the following entry—

⁽⁹⁾ EUR 609/2013 as amended by S.I. 2019/651.

-	iumpentified food		The	Included ir
(WZU477)	category	levels of DHA	designation of	the list or
oil	Infant formula	In accordance	the novel	30 June 2022
	and follow-		food on the	This inclusion
	on formula	(EU)	labelling of	is based o
	as defined	(10)	the foodstuffs	proprietary
	in Regulation	009/2013	containing it is	scientific
	(EU) 609/2013		"Oil from the	evidence an
	(EU) 009/2013		microalgae	scientific dat
			Schizochytrium	protected i
			sp.".	accordance
				with Articl
				26 C
				Regulation
				(EU)
				2015/2283.
				Applicant:
				Progress
				Biotech BV (
				Canaalstaete.
				Kanaalweg
				33, 2903L
				Capelle aa
				den Ijssel, th
				Netherlands.
				During th
				period of dat
				protection, th
				novel foo
				Schizochytrii
				sp. (WZU477
				oil
				authorised for
				placing on th
				market withi
				Scotland onl
				by Progres
				Biotech B
				unless
				subsequent
				applicant obtains
				authorisation
				for the nove
				food withou
				reference t
				the
				proprietary
				scientific
				evidence c
				scientific dat

			protected accordance with Art 26 Regulation (EU) 2015/2283 with agreement	e ticle of of or the
			Progress Biotech B	V.
			The protection expire at end of 29 J 2027."	the

2. In Table 2 (specifications), after the entry for *Schizochytrium sp.* (T18) oil insert the following entry—

<i>"Schizochytrium</i> sp. (WZU477) oil	Description/Definition:
	The novel food is an oil produced from the strain WZU477 of the microalgae <i>Schizochytrium</i> sp.
	Composition:
	Acid value: ≤ 0.5 mg KOH (potassium hydroxide)/g
	Peroxide value (PV): \leq 5.0 meq (milliequivalent)/kg oil
	Moisture and volatiles: $\leq 0.05 \%$
	Unsaponifiables: $\leq 4.5 \%$
	Trans-fatty acids: ≤ 1.0 %
	Docosahexaenoic acid (DHA): \geq 32.0 %
	p-anisidine value: ≤ 10 "

SCHEDULE 4

Regulation 3

Authorisation of 3'Sialyllactose (3'-SL) sodium salt (microbial source)

1. In Table 1 (authorised novel foods), after the entry for Selenium-containing yeast (*Yarrowia lipolytica*) biomass insert the following entry—

"3'-	Specified food	Maximum	The	Included	in
Sialyllacto	category	levels	designation of	the list	on
SL) sodium		(expressed	the novel	30 June 20	022.

salt		as 3'-			
(microbial source)	Unflavoured pasteurised and unflavoured sterilised (including UHT) milk products	Sialyllactose) 0.25 g/L	labelling of the foodstuffs containing it is "3'- Sialyllæctdiæm salt".		This inclusion is based on proprietary scientific evidence and scientific data protected in accordance with Article
	Flavoured fermented milk-based products including heat-treated	0.25 g/L (beverages)	The labelling of food supplements containing 3'- Sialyllactose so salt must bear	dium	26 of Regulation (EU) 2015/2283. Applicant:
	products	2.5 g/kg (products other than beverages)	a statement that they should not be consumed:		Glycom A/ S, Kogle Allé 4, DK-2970 Hørsholm, Denmark.
	Unflavoured fermented milk-based products	0.25 g/L (beverages) 0.5 g/kg (products other than beverages)	a) if foods containing added 3'- Sialyllactose sodium salt are consumed the same day,		During the period of data protection, the novel food 3'- sialyllactose sodium salt is authorised for
	Beverages (flavoured drinks, excluding drinks with a pH less than 5)	0.25 g/L	b) by infants and young children.		placing on the market within Scotland only by Glycom A/S, unless a subsequent applicant
	Cereal bars	2.5 g/kg			obtains authorisation
		0.2 g/L in the final product ready for use, marketed as such or reconstituted as instructed by the manufacturer			for the novel food without reference to the proprietary scientific evidence or scientific data protected in accordance
		0.15 g/L in the final product ready for use, marketed as such or 9			with Article 26 of Regulation (EU)
		3			

(EU) 609/2013	reconstituted as instructed by the manufacturer		2015/2283 with agreement Glycom A
for infants and young children as	product ready		The protection expire the end 29 June 20
	for products other than beverages		
Milk-based drinks and similar products intended for young children	0.15 g/L in the final product ready for use, marketed as such or reconstituted as instructed by the manufacturer		
Total diet replacement foods for weight control as defined in Regulation (EU) 609/2013	(beverages)		
special medical purposes as	In accordance with the particular nutritional requirements of the persons for whom the products are intended		
Food supplements as defined in the Food	0.5 g/day."		

Supplements (Scotland) Regulations 2003, excluding food supplements for infant and young children					
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2. In Table 2 (specifications), after the entry for Selenium-containing yeast (*Yarrowia lipolytica*) biomass insert the following entry—

"3'#Sialyllactose (3'#	Description:
SL) sodium salt (microbial source)	3'-Sialyllactose (3'-SL) sodium salt is a purified, white to off-white powder or agglomerate that is produced by a microbial process and contains limited levels of lactose, 3'-sialyl-lactulose, and sialic acid.
	Source: Genetically modified strain of Escherichia coli K-12 DH1.
	Definition:
	Chemical formula: C ₂₃ H ₃₈ NO ₁₉ Na
	Chemical name: N-Acetyl- α -D-neuraminyl- $(2\rightarrow 3)$ - β -D-galactopyranosyl- $(1\rightarrow 4)$ -D-glucose, sodium salt
	Molecular mass: 655.53 Da
	CAS No 128596-80-5
	Characteristics/Composition:
	Appearance: White to off-white powder or agglomerate
	Sum of 3'-Sialyllactose sodium salt, D-Lactose, and Sialic acid (% of dry matter): \geq 90.0 % (w/w)
	3'-Sialyllactose sodium salt (% of dry matter): \geq 88.0 % (w/w)
	D-Lactose: $\leq 5.0 \%$ (w/w)
	Sialic acid: $\leq 1.5 \%$ (w/w)
	3'-Sialyl-lactulose: $\leq 5.0 \% (w/w)$
	Sum of other carbohydrates: $\leq 3.0 \%$ (w/w)
	Moisture: $\leq 8.0 \%$ (w/w)
	Sodium: 2.5 – 4.5 % (w/w)
	Chloride: $\leq 1.0 \% (w/w)$

pH (20 °C, 5 % solution): 4.5 -6.0
Residual protein: ≤ 0.01 % (w/w).
Microbiological criteria:
Aerobic mesophilic bacteria total plate count: $\leq 1000 \text{ CFU/g}$
<i>Enterobacteriaceae</i> : ≤ 10 CFU/g
Salmonellasp.: Absence in 25 g
Yeast: $\leq 100 \text{ CFU/g}$
Mould: $\leq 100 \text{ CFU/g}$
Residual endotoxins: $\leq 10 \text{ EU/mg}$
CFU: Colony Forming Units; EU: Endotoxin Units"

SCHEDULE 5

Regulation 3

Authorisation of 6'#Sialyllactose (6'#SL) sodium salt (microbial source)

1. In Table 1 (authorised novel foods), after the entry for 3'Sialyllactose (3'-SL) sodium salt (microbial source)(**10**) insert the following entry—

"6'-	Specified food		The	Included in
Sialyllactose	category	levels	designation of	the list on
(6'-SL)		(expressed as	the novel	30 June 2022.
sodium salt		6'-	food on the	
(microbial		Sialyllactose)	labelling of	
source)	Unflavoured pasteurised and unflavoured sterilised (including UHT) milk products Unflavoured fermented milk-based products	0.5 g/L 0.5 g/L (beverages) 2.5 g/kg (products other than beverages) 0.5 g/L	the foodstuffs containing it is "6'- Sialyllactose sodium salt". The labelling of food supplements containing 6'- Sialyllactose (6'-SL)	This inclusion is based on proprietary scientific evidence and scientific data protected in accordance with Article 26 of Regulation (EU) 2015/2283.
	fermented	(beverages)		Glycom A/

(10) Inserted by S.S.I. 2022/168.

milk-based products including heat-treated products Beverages (flavoured drinks, excluding drinks with a pH less than 5)	5.0 g/kg (products other than beverages) 0.5 g/L	 (a) if foods containing added 6'- Sialyllactose sodium salt are consumed on the same day, (b) by infants and young children. 	S, Kogle Allé 4, DK-2970 Hørsholm, Denmark. During the period of data protection, the novel food 6'- sialyllactose sodium salt is authorised for placing on the
Cereal bars	5.0 g/kg		market within Scotland only
Infant formula as defined in Regulation (EU) 609/2013	final product		by Glycom A/S, unless a subsequent applicant obtains authorisation for the novel food without reference to
	0.3 g/L in the final product ready for use, marketed as such or reconstituted as instructed by the manufacturer		the proprietary scientific evidence or scientific data protected in accordance with Article 26 of Regulation (EU) 2015/2283 or with the agreement of Glycom A/S.
for infants and young children as	product ready		The data protection will expire at the end of 29 June 2027.

	other than beverages		
Milk based drinks and similar products intended for young children	(beverages) in the final product ready		
Total diet replacement foods for weight control as defined in Regulation (EU) 609/2013	1.0 g/L (beverages) 10.0 g/kg (products other than beverages)		
special medical purposes as	In accordance with the particular nutritional requirements of the persons for whom the products are intended		
Food supplements as defined in the Food Supplements (Scotland) Regulations 2003, excluding	1.0 g/day."		
food supplements for infants and young children			

2. In Table 2 (specifications), after the entry for 3'Sialyllactose (3'-SL) sodium salt (microbial source) insert the following entry—

	Description:
SL) sodium salt (microbial source)	6'-Sialyllactose (6'-SL) sodium salt is a purified, white to off-white powder or agglomerate that is produced by a microbial process and contains limited levels of lactose, 6'-sialyl-lactulose, and sialic acid.
	Source: Genetically modified strain of <i>Escherichia coli</i> K-12 DH1.
	Definition:
	Chemical formula: C ₂₃ H ₃₈ NO ₁₉ Na
	Chemical name: N-Acetyl- α -D-neuraminyl- $(2\rightarrow 6)$ - β -D-galactopyranosyl- $(1\rightarrow 4)$ -D-glucose, sodium salt
	Molecular mass: 655.53 Da
	CAS No 157574-76-0
	Characteristics/Composition:
	Appearance: White to off-white powder or agglomerate
	Sum of 6'-Sialyllactose sodium salt, D-Lactose and Sialic acid (% of dry matter): \geq 94.0 % (w/w)
	6'-Sialyllactose sodium salt (% of dry matter): \ge 90.0 % (w/w)
	D-Lactose: $\leq 5.0 \%$ (w/w)
	Sialic acid: $\leq 2.0 \%$ (w/w)
	6'-Sialyl-lactulose: $\leq 3.0 \% (w/w)$
	Sum of other carbohydrates: \leq 3.0 % (w/w)
	Moisture: $\leq 6.0 \%$ (w/w)
	Sodium: 2.5-4.5 % (w/w)
	Chloride: $\leq 1.0 \% (w/w)$
	pH (20 °C, 5 % solution): 4.5-6.0
	Residual protein: ≤ 0.01 % (w/w)
	Microbiological criteria:
	Aerobic mesophilic bacteria total plate count: $\leq 1\ 000\ CFU/g$
	<i>Enterobacteriaceae</i> : \leq 10 CFU/g
	Salmonella sp.: Absence in 25 g
	Yeast: $\leq 100 \text{ CFU/g}$

Mould: $\leq 100 \text{ CFU/g}$

Residual endotoxins: $\leq 10 \text{ EU/mg}$

CFU: Colony Forming Units; EU: Endotoxin Units"

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations make provision as regards the authorisation of novel foods under Regulation (EU) 2015/2283, and also substitute new authorisation holders for smoke flavourings already authorised under Regulation (EC) 2065/2003.

Regulation 3 and schedule 1 make changes to the conditions of use and specifications of a novel food already authorised under Regulation (EU) 2015/2283, 2'-Fucosyllactose/Difucosyllactose (2'FL/DFL).

Regulation 3 and schedules 2 to 5 authorise the placing on the market in Scotland of four novel foods by updating the list of novel foods (set out in Regulation (EU) 2017/2470) to add—

- (a) Schizochytrium sp. (FCC-3204) oil,
- (b) Schizochytrium sp. (WZU477) oil,
- (c) 3'-Sialyllactose (3'-SL) sodium salt, and
- (d) 6'-Sialyllactose (6'-SL) sodium salt.

Regulation 4 substitutes new authorisation holders for five smoke flavourings already authorised under Regulation (EC) 2065/2003—

- (a) Scansmoke PB 1110,
- (b) Zesti Smoke Code 10,
- (c) SmokeEz C-10,
- (d) SmokeEz Enviro-23, and
- (e) TradismokeTM A MAX.