

Table 1 Results for the GM ingredients checks in 2022.

Food containing Maize (Corn)							
Sample No.	Sample description	Country of origin	Food chain stage	GM Event	Level	Result	Observations
1	Corn flour	Poland	Retailers	-	-	Compliant	-
2	Crisps	ROI	Retailers	-	-	Compliant	-
3	Crisps	ROI	Retailers	-	-	Compliant	-
4	Popcorn	Not stated	Retailers	-	-	Compliant	-
5	Popcorn kernels	Argentina	Retailers	-	-	Compliant	-
6	Popcorn kernels	ROI	Retailers	-	-	Compliant	-
7	Popcorn kernels	South Africa	Manufacturer	-	-	Compliant	-
8	Popcorn kernels	The Netherlands	Retailers	-	-	Compliant	-
9	Puffed corn snacks	ROI	Service sector	NK603 MON810 MON88017 MON9034	NQ NQ 13 % 69 %	Non-compliant	(a)
10	Tortilla chips	ROI	Manufacturer	-	-	Compliant	-
11	Tortilla chips	Not stated	Retailers	MON810	0.2 %	Compliant	(b)
12	White tortilla	ROI	Retailers	-	-	Compliant	-

Food containing Rice

Sample No.	Sample description	Country of origin	Food chain stage	GM Event	Level	Result	Observations
1	Black rice	ROI	Not stated	-	-	Compliant	-
2	Brown rice flour	UK	Retailers	-	-	Compliant	-
3	Jasmine rice	ROI	Retailers	-	-	Compliant	-
4	Jasmine rice	Thailand	Not stated	-	-	Compliant	-
5	Popped chips	UK	Retailers	-	-	Compliant	-
6	Popped chips	UK	Retailers	-	-	Compliant	-
7	Rice (unspecified)	ROI	Not stated	-	-	Compliant	-
8	Rice cakes	Bulgaria	Not stated	-	-	Compliant	-
9	Rice cakes	ROI	Retailers	-	-	Compliant	-
10	Rice cakes	ROI	Retailers	-	-	Compliant	-
11	Rice cakes	ROI	Retailers	-	-	Compliant	-
12	Rice cakes	ROI	Retailers	-	-	Compliant	-
13	Rice cakes	ROI	Retailers	-	-	Compliant	-
14	Rice cakes	ROI	Retailers	-	-	Compliant	-
15	Rice cakes	Not stated	Retailers	-	-	Compliant	-
16	Rice cakes	ROI	Retailers	-	-	Compliant	-
17	Rice cakes	ROI	Retailers	-	-	Compliant	-

18	Rice cakes	Not stated	Wholesaler/Distributors	-	-	Compliant	-
19	Rice cakes	ROI	Not stated	-	-	Compliant	-
20	Rice crackers	UK	Not stated	-	-	Compliant	-
21	Rice crackers	China	Not stated	-	-	Compliant	-
22	Rice crackers	Thailand	Retailers	-	-	Compliant	-
23	Rice flour	ROI	Retailers	-	-	Compliant	-
24	Rice flour	ROI	Retailers	-	-	Compliant	-
25	Rice flour	Ukraine	Retailers	-	-	Compliant	-
26	Rice noodles	CHINA	Retailers	-	-	Compliant	-
27	Rice noodles	China	Not stated	-	-	Compliant	-
28	Rice paper	ROI	Import/Export	-	-	Compliant	-
29	Rice pudding	UK	Not stated	-	-	Compliant	-
30	Rice pudding	UK	Not stated	-	-	Compliant	-
31	Rice puffs	ROI	Retailers	-	-	Compliant	-
32	Rice snacks	Denmark	Not stated	-	-	Compliant	-
33	Sushi rice	ROI	Import/Export	-	-	Compliant	-
34	White rice	ROI	Not stated	-	-	Compliant	-

Food containing Soybean

Sample No.	Sample description	Country of origin	Food chain stage	GM Event	Level	Result	Observations
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1	Edamame beans	UK	Not stated	-	-	Compliant	-
2	Soy sauce	ROI	Retailers	-	-	Not tested	(c)
3	Soybeans	China	Not stated	-	-	Compliant	-
4	Soya drink	ROI	Wholesaler/Distributors	-	-	Compliant	-
5	Soya drink	ROI	Retailers	-	-	Compliant	-
6	Soya drink	Not stated	Retailers	-	-	Compliant	-
7	Soya drink	Not stated	Retailers	-	-	Compliant	-
8	Soya drink	The Netherlands	Retailers	-	-	Compliant	-
9	Soya drink	ROI	Retailers	-	-	Compliant	-
10	Soya flour	UK	Retailers	-	-	Compliant	-
11	Soya milk	ROI	Retailers	-	-	Compliant	-
12	Soya milk	UK	Wholesaler/Distributors	-	-	Compliant	-
13	Soya milk	Belgium	Retailers	-	-	Compliant	(d)
14	Soya milk	ROI	Distributors/Transporters	-	-	Compliant	-
15	Soya protein mince	Gabon	Not stated	-	-	Compliant	-
16	Tofu	ROI	Not stated	-	-	Compliant	-
17	Tofu	ROI	Not stated	-	-	Compliant	-

(a) Detection of P-35S, t-NOS, the *bar* gene, the *ctp2-cp4epsps* construct and various GM maize events at different levels. MON88017 maize is reported at 13% (+/- 5.2 %) with a pooled LOQ of 2.1 %. MON89034 maize is reported at 69 % (+/- 13.5 %) with a pooled LOQ of 2.6 %. No label information is provided on the packaging of the product to indicate the presence of GMO, required when a sample contains a GMO level of greater than the 0.9 % threshold. The sample is deemed non-compliant with Regulation (EC) No 1829/2003, Regulation (EC) No 1830/2003 and Regulation (EU) No 1169/2011.

- (b) Detection of P-35S, t-NOS, the *bar* gene, the *ctp2-cp4epsps* construct and the MON810 GM maize event at a level of 0.2 % (+/- 0.1 %) with a pooled LOQ of 0.1 %. The sample is deemed compliant with Regulation (EC) No 1829/2003, Regulation (EC) No 1830/2003 and Regulation (EU) No 1169/2011 as the sample contains a level of GMO below the 0.9 % threshold.
- (c) Due to the processed nature of the sample, sufficient quality DNA for testing could not be extracted.
- (d) Detection of t-NOS but no detection of soybean GM events. The sample is deemed compliant with Regulation (EC) No 178/2002 (Article 14).

NQ, not quantified

LOQ, limit of quantification