Table 1 Results for the GM ingredients checks in 2024.

Food containing Maize (Corn)							
Sample No.	**Sample description**	**Country of origin**	**Food chain stage**	**GM Event**	**Level**	**Result**	**Observations**
1	Coarse cornmeal	Ireland	Retail	Bt-11, MON863, MON88017, MON89034, NK603 and TC1507	NQ	Compliant	(a)
2	Corn chips	Ireland	Retail	-	-	Compliant	-
3	Corn snack	Malaysia	Retail	-	-	Compliant	-
4	Cornflour	Ireland	Retail	-	-	Compliant	-
5	Cornflour	Ireland	Retail	-	-	Compliant	-
6	Cornflour	UK	Not stated	-	-	Compliant	-
7	Organic polenta	Italy	Retail	-	-	Compliant	-
8	Popcorn	Ireland	Retail	-	-	Compliant	-
9	Popcorn	Argentina	Not stated	MON89034	NQ	Compliant	(b)
10	Popcorn	South Africa	Manufacturer	-	-	Compliant	-
11	Popcorn	Brazil	Not stated	-	-	Compliant	-
12	Tortilla chips	Ireland	Manufacturer	MON810, MON89034 and TC1507	NQ	Compliant	(c)
13	Tortilla chips	Ireland	Manufacturer	-	-	Compliant	(d)

14	Tortilla chips	Ireland	Manufacturer	MON 89034 and TC1507	NQ	Compliant	(e)
15	Tortilla chips	UK	Retail	-	-	Compliant	-
16	Tortilla wraps	Ireland	Manufacturer	-	-	Compliant	-
17	Tortilla wraps	Not stated	Packer	-	-	Compliant	-

Food containing Rice							
Sample No.	**Sample description**	**Country of origin**	**Food chain stage**	**GM Event**	**Level**	**Result**	**Observations**
1	Basmati rice	Ireland	Retail	-	-	Compliant	-
2	Basmati rice	Ireland	Retail	-	-	Compliant	-
3	Basmati rice	Not stated	Wholesale/Distribution	-	-	Compliant	-
4	Brown rice drink	UK	Retail	-	-	Compliant	-
5	Jasmine rice	Thailand	Not stated	-	-	Compliant	-
6	Jasmine rice	Cambodia	Not stated	-	-	Compliant	-
7	Long grain rice	Ireland	Retail	-	-	Compliant	-
8	Long grain rice	Ireland	Retail	-	-	Compliant	-
9	Long grain rice	United states	Not stated	-	-	Compliant	-
10	Long grain rice	UK	Retail	-	-	Compliant	-
11	Long grain rice	Portugal	Manufacturer	-	-	Compliant	-
12	Long grain rice	Thailand	Retail	-	-	Compliant	-

13	Parboiled rice	Uruguay	Wholesale/Distribution	-	-	Compliant	-
14	Rice	India	Retail	-	-	Compliant	-
15	Rice	UK	Retail	-	-	Compliant	-
16	Rice & corn snack	UK	Retail	-	-	Compliant	-
17	Rice & corn snack	UK	Not stated	-	-	Compliant	-
18	Rice & corn snack	Ireland	Not stated	-	-	Compliant	-
19	Rice cakes	UK	Not stated	-	-	Compliant	-
20	Rice cakes	Ireland	Retail	-	-	Compliant	-
21	Rice cakes	Ireland	Retail	-	-	Compliant	-
22	Rice cakes	UK	Retail	-	-	Compliant	-
23	Rice cakes	Ireland	Retail	-	-	Compliant	-
24	Rice crackers	Taiwan	Not stated	-	-	Compliant	-
25	Rice crackers	Ireland	Not stated	-	-	Compliant	-
26	Rice-based cereals	UK	Not stated	-	-	Compliant	-
27	Rice noodles	China	Not stated	-	-	Compliant	-

Food containing Soybean							
Sample No.	**Sample description**	**Country of origin**	**Food chain stage**	**GM Event**	**Level**	**Result**	**Observations**

1	Edamame beans	Ireland	Retail	-	-	-	-
2	Fermented soya	Ireland	Retail	MON89788	NQ	Compliant	(f)
3	Miso instant soup	Ireland	Retail	-	-	Compliant	(g)
4	Soy protein chunks	Ireland	Retail	-	-	Compliant	-
5	Soy protein mince	Ireland	Not stated	-	-	Compliant	-
6	Soya ball	Ireland	Retail	-	-	Compliant	-
7	Soya beans	Canada	Retail	MON89788	NQ	Compliant	(h)
8	Soya beans	Ireland	Retail	MON89788	NQ	Compliant	(h)
9	Soya beans	Ireland	Retail	-	-	Compliant	-
10	Soya chunks	India	Retail	-	-	Compliant	-
11	Soya drink	Ireland	Retail	-	-	Compliant	-
12	Soya drink	Ireland	Retail	-	-	Compliant	-
13	Soya drink	Ireland	Retail	-	-	Compliant	-
14	Soya drink	Ireland	Retail	-	-	Compliant	-
15	Soya protein	Ireland	Retail	-	-	Compliant	-
16	Tofu	Not stated	Not stated	GTS 40-3-2	NQ	Compliant	(i)
17	Tofu	Germany	Retail	-	-	Compliant	-

(a) Detection of the genetic elements: the rice actin 1 intron sequence (I-rActI), the 35s promoter (p-35S), the FMV promoter (p-FMV), the NOS terminator (t-NOS), the E9 terminator (t-E9), the *cry1Ab/Ac*, *cry3Bb1*, *pat*, and *cp4-epsps* genes, and the *ctp2-cp4epsps* construct. The GM maize events Bt-11, MON863, MON88017, MON89034, NK603 and TC1507 were detected; however, no quantification was performed due to too high Cycle Threshold (Ct) values observed during the PCR amplification process.

(b) Detection of the genetic elements: the 35s promoter (p-35S), the FMV promoter (p-FMV) and the NOS terminator (t-NOS). The GM maize event MON89034 was detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

(c) Detection of the genetic elements: the rice actin 1 intron sequence (I-rActI), the 35s promoter (p-35S), the NOS terminator (t-NOS), the *pat* gene and the *ctp2-cp4epsps* construct. The genetic markers for both endogenous maize and rice were detected. The GM maize events MON810, MON89034 and TC1507 were detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

(d) Detection of the genetic elements: the 35s promoter (p-35S) and the *ctp2-cp4epsps* construct. No GM maize events were detected.

(e) Detection of the genetic elements: the rice actin 1 intron sequence (I-rActI), the 35s promoter (p-35S), the FMV promoter (p-FMV), the NOS terminator (t-NOS), the *pat* gene and the *ctp2-cp4epsps* construct. The GM maize events MON89034 and TC1507 were detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

(f) Detection of the genetic elements: the E9 terminator (t-E9) and the *ctp2-cp4epsps* construct. The GM soya event MON89788 was detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

(g) The genetic markers for both endogenous rice and soyabean were detected.

(h) Detection of the genetic elements: the E9 terminator (t-E9), the FMV promoter (p-FMV) and the *ctp2-cp4epsps* construct. The GM soya event MON89788 was detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

(i) Detection of the genetic elements: the 35s promoter (p-35S), the NOS terminator (t-NOS) and the E9 terminator (t-E9). The GM soya event GTS 40-3-2 was detected; however, no quantification was performed due to too high Ct values observed during the PCR amplification process.

NQ, not quantified.