

Appendix 2 Section 7-Table 1. List of PTs, registration data and geographic location

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27213	Milk	Infant Soya Formula	Jan-18	46	42	13	22	11
27214	Gluten/Milk/Egg	Cooked biscuit	Jan-18	104	101	19	55	30
27215	Peanut	Chocolate	Feb-18	56	52	10	23	23
27216	Gluten/Milk	Infant Soya Formula	Feb-18	74	68	13	41	20
27217	Lupin	Flour	Mar-18	33	32	2	16	15
27218	Hazelnut/Peanut	Cooked Biscuit	Mar-18	71	68	7	41	23
27220	Egg	Cake Mix	Apr-18	42	41	10	17	15
27221	Peanut	Garlic powder	Apr-18	43	39	10	14	19
27222	Gluten	Cake Mix	May-18	151	130	12	89	50
27223	Hazelnut	Chocolate	May-18	46	45	8	25	13
27225	Mustard/Celery	Soup Powder	Jun-18	58	55	15	28	15
27226	Milk	Infant Breakfast Cereal	Jun-18	50	47	13	26	11
27227	Gluten/Milk/Egg	Cake Mix	Jul-18	154	148	25	79	50
27228	Gluten	Oats	Jul-18	89	81	15	53	21
27230	Almond	Chocolate	Sep-18	81	76	11	40	30
27231	Soya	Wheat Flour	Sep-18	145	127	18	73	54
27233	Gluten	Beer	Oct-18	43	35	7	27	9

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27235	Fish	Sauce	Feb-19	27	23	7	10	10
27237	Milk	Infant Soya Formula	Jan-19	53	50	15	24	14
27238	Gluten/Milk/Egg	Cooked biscuit	Jan-19	117	112	21	60	36
27239	Peanut	Chocolate	Feb-19	71	66	10	29	32
27240	Gluten/Milk	Infant Soya Formula	Feb-19	86	83	11	58	27
27241	Lupin	Flour	Mar-19	29	26	2	16	11
27242	Hazelnut/Peanut	Cooked Biscuit	Mar-19	85	80	12	44	29
27244	Soya	Wheat Flour	Apr-19	82	75	11	38	33
27245	Egg	Cake Mix	Apr-19	48	47	6	30	12
27246	Peanut	Garlic powder	Apr-19	44	39	9	16	19
27247	Gluten	Cake Mix	May-19	134	128	16	76	42
27248	Hazelnut	Chocolate	May-19	45	42	4	25	16
27249	Mustard/Celery	Soup Powder	Jun-19	63	60	14	33	16
27250	Milk	Infant Breakfast Cereal	Jun-19	53	51	9	32	12
27251	Gluten/Milk/Egg	Cake Mix	Jul-19	158	150	23	78	57
27252	Gluten	Oats	Jul-19	85	81	14	42	29
27254	Almond	Chocolate	Sep-19	74	66	12	37	25
27255	Soya	Wheat Flour	Sep-19	97	90	16	62	19

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27257	Gluten	Beer	Oct-19	40	36	6	28	6
27259	Fish	Sauce	Nov-19	29	26	7	12	10
27261	Milk	Infant Soya Formula	Jan-20	29	26	9	13	7
27262	Gluten/Milk/Egg	Cooked biscuit	Jan-20	118	113	21	63	34
27263	Peanut	Chocolate	Feb-20	51	45	10	29	12
27264	Gluten/Milk	Infant Soya Formula	Feb-20	85	74	14	47	24
27265	Lupin	Flour	Mar-20	21	19	2	11	8
27266	Hazelnut/Peanut	Cooked Biscuit	Mar-20	106	96	13	52	41
27268	Soya	Wheat Flour	Apr-20	96	87	15	44	37
27269	Egg	Cake Mix	Apr-20	42	39	5	26	11
27270	Peanut	Garlic powder	Apr-20	38	34	8	14	16
27271	Gluten	Cake Mix	May-20	114	103	10	67	37
27272	Hazelnut	Chocolate	May-20	38	36	7	21	10
27273	Mustard/Celery	Soup Powder	Jun-20	57	55	10	33	14
27274	Milk	Infant Breakfast Cereal	Jun-20	69	66	10	40	19
27275	Gluten/Milk/Egg	Cake Mix	Nov-20	178	166	20	95	63
27276	Gluten	Oats	Jul-20	75	72	17	31	27
27278	Almond	Chocolate	Sep-20	77	73	13	43	21

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27279	Soya	Wheat Flour	Sep-20	80	75	10	40	30
27281	Gluten	Beer	Nov-20	43	36	3	28	12
27283	Fish	Sauce	Nov-20	32	31	8	10	14
27285	Milk	Infant Soya Formula	Jan-21	27	26	10	13	4
27286	Gluten/Milk/Egg	Cooked biscuit	Jan-21	111	105	19	54	38
27287	Peanut	Chocolate	Feb-21	65	59	8	33	24
27288	Gluten/Milk	Infant Soya Formula	Feb-21	40	35	9	23	8
27289	Gluten/Sesame	Spice	Feb-21	92	87	14	47	31
27290	Lupin	Flour	Mar-21	29	27	0	21	8
27291	Hazelnut/Peanut	Cooked Biscuit	Mar-21	82	76	11	43	28
27293	Gluten/Egg	Cake Mix	Nov-20	11	10	4	5	2
27295	Soya	Wheat Flour	Apr-21	99	95	14	42	43
27296	Egg	Cake Mix	Apr-21	40	38	5	25	10
27297	Peanut	Garlic powder	Jun-21	47	42	11	21	15
27298	Gluten	Cake Mix	May-21	109	101	7	66	36
27299	Hazelnut	Chocolate	May-21	43	42	6	25	12
27300	Mustard/Celery	Soup Powder	Nov-21	65	61	13	37	15
27301	Gluten/Milk/Egg	Cake Mix	Jul-21	149	141	24	76	49
27302	Gluten	Oats	Jul-21	56	49	13	29	14

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27304	Milk	Hydrolysed Infant Formula	Aug-21	35	30	5	22	8
27305	Almond	Chocolate	Sep-21	61	53	13	30	18
27306	Soya	Wheat Flour	Sep-21	77	75	14	42	21
27308	Gluten	Beer	Oct-21	42	38	4	25	13
27310	Fish	Sauce	Nov-21	25	20	7	4	14
27311	Gluten/Egg	Cake Mix	Nov-21	56	52	6	30	20
27313	Milk	Infant Soya Formula	Jan-22	24	20	6	12	6
27314	Gluten/Milk/Egg	Cooked biscuit	Jan-22	107	97	14	62	31
27315	Peanut	Chocolate	Feb-22	61	55	7	33	21
27316	Gluten/Milk	Infant Soya Formula	Feb-22	49	39	6	30	13
27317	Gluten/Sesame	Spice	Feb-22	80	74	11	38	31
27318	Lupin	Flour	Mar-22	30	26	3	19	8
27319	Hazelnut/Peanut	Cooked Biscuit	Mar-22	90	76	10	57	23
27321	Gluten	Sausage Meat	Mar-22	39	37	6	24	9
27322	Milk	Infant Breakfast Cereal	Sep-21	50	47	7	26	17
27323	Soya	Wheat Flour	Apr-22	99	92	10	50	39
27324	Egg	Cake Mix	Apr-22	35	35	5	22	8

PT Number	Allergen	Matrix	PT Date	Number Registrations	Results Returned	UK	EU	RoW
27325	Peanut	Garlic powder	May-22	35	32	7	12	16
27326	Gluten	Cake Mix	May-22	96	88	7	55	34
27327	Hazelnut	Chocolate	May-22	44	40	6	27	11
27328	Mustard/Celery	Soup Powder	Jun-22	64	61	11	37	16
27329	Milk	Infant Breakfast Cereal	Jun-22	55	50	9	25	21
27331	Gluten/Milk/Egg	Cake Mix	Jul-22	163	156	20	75	68
27332	Gluten	Oats	Jul-22	56	53	9	27	20

Appendix 2 Section 7-Table 2. PT homogeneity data, s_{an} is the observed analytical standard deviation of paired data within the homogeneity test, n is the number of homogeneity data sets (each one comprising ten pairs of data), the critical value is 0.5.

Analyte	mean s_{an}/σ_p	n
Almond	0.474	4
BLG	0.567	6
Casein	0.403	16
Egg	0.430	21
Fish	0.299	5
Gluten	0.516	35
Hazelnut	0.424	10
Lupin	0.277	5
Milk	0.549	5
Mustard	0.358	3
Peanut	0.348	13
Soy protein	0.473	3
Soy	0.492	7
Overall	0.432	133

Appendix 2 Section 7-Table 3. u/σ_p data for n datasets corresponding to each allergen. Uncertainty u is the uncertainty of the consensus assigned value per allergen/ELISA kit combination, σ_p is the target standard deviation for proficiency, sd is the observed standard deviation of the mean u/σ_p ratios. The ratio u/σ_p determines whether a consensus assigned value can be used to issue z-scores against a critical value of 0.35.

-	Gluten	Egg	Milk	Soya	Nuts	Other
n	129	84	141	38	89	23
mean u/σ_p	0.242	0.227	0.322	0.241	0.267	0.328
sd	0.147	0.128	0.164	0.109	0.144	0.208

Appendix 2 Section 7-Table 4. Gluten PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. **Highlighted data and the use of (A) indicates an anomaly; either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values.**

PT	analyte	n	AV, mg/kg
27331A	BioFront MonoTrace Gluten (GLU-EK)	1	not set
27331A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27331A	Morinaga Wheat/Gluten ELISA II (M2114)	2	not set
27331A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27331A	Neogen Veratox for Gliadin (8480)	1 (A)	not set
27331A	Neogen Veratox for Gliadin R5 (8510)	19 (A)	15.0
27331A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	1	not set
27331A	R-Biopharm RIDASCREEN Gliadin (R7001)	88 (A)	13.9
27331A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	7 (A)	13.8
27331A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27331A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1 (A)	not set
27331A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	8 (A)	27.2
27331A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	3	not set
27331A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	7	13.6
27331A	Gluten by other kit/method	3	not set
27331B	BioFront MonoTrace Gluten (GLU-EK)	1	not set
27331B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27331B	Morinaga Wheat/Gluten ELISA II (M2114)	2	not set
27331B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27331B	Neogen Veratox for Gliadin (8480)	2 (A)	not set
27331B	Neogen Veratox for Gliadin R5 (8510)	13 (A)	6.00
27331B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	1	not set
27331B	R-Biopharm RIDASCREEN Gliadin (R7001)	48 (A)	5.53

PT	analyte	n	AV, mg/kg
27331B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set
27331B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27331B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1 (A)	not set
27331B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	8 (A)	17.5
27331B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	2	not set
27331B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	7	5.03
27331B	Gluten by other kit/method (please specify)	3	not set
27332B	BioFront MonoTrace Gluten (GLU-EK)	1	not set
27332B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27332B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27332B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27332B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27332B	Neogen Veratox for Gliadin (8480)	0	no data
27332B	Neogen Veratox for Gliadin R5 (8510)	4	24.0
27332B	R-Biopharm RIDASCREEN Gliadin (R7001)	41	22.7
27332B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1	not set
27332B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27332B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27332B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27332B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27332B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	20.1
27332B	Gluten by other kit/method	4	not set
27326A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27326A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27326A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27326A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data

PT	analyte	n	AV, mg/kg
27326A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27326A	Neogen Veratox for Gliadin (8480)	0	no data
27326A	Neogen Veratox for Gliadin R5 (8510)	4	13.3
27326A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27326A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	2 (A)	not set
27326A	R-Biopharm RIDASCREEN Gliadin (R7001)	57 (A)	13.3
27326A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	not set
27326A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1	not set
27326A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27326A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	2	not set
27326A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	3	11.5
27326A	Gluten by other kit/method	2	not set
27321A	ELISA Systems Gluten (ESGLUT-48)	0	no data
27321A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27321A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27321A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27321A	Neogen Veratox for Gliadin (8480)	0	no data
27321A	Neogen Veratox for Gliadin R5 (8510)	4	not set
27321A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27321A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	0	no data
27321A	R-Biopharm RIDASCREEN Gliadin (R7001)	26	10.3
27321A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27321A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27321A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27321A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27321A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	3	not set

PT	analyte	n	AV, mg/kg
27321A	Gluten by other kit/method	4	not set
27317A	BioFront MonoTrace Gluten (GLU-EK)	1	not set
27317A	ELISA Systems Gluten (ESGLUT-48)	2	not set
27317A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27317A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27317A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27317A	Neogen Veratox for Gliadin (8480)	1	not set
27317A	Neogen Veratox for Gliadin R5 (8510)	2	not set
27317A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27317A	R-Biopharm RIDASCREEN Gliadin (R7001)	41 (A)	18.7
27317A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	2 (A)	not set
27317A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1	not set
27317A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27317A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	1	not set
27317A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	2	not set
27317A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	9	18.8
27317A	Gluten by other kit/method	5	not set
27316A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27316A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27316A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27316A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27316A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27316A	Neogen Veratox for Gliadin (8480)	0	no data
27316A	Neogen Veratox for Gliadin R5 (8510)	3	28.0
27316A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27316A	R-Biopharm RIDASCREEN Gliadin (R7001)	26 (A)	20.8
27316A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set

PT	analyte	n	AV, mg/kg
27316A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1	not set
27316A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27316A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27316A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	17.2
27316A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27316A	Gluten by other kit/method	4	not set
27314	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27314	ELISA Systems Gluten (ESGLUT-48)	2	not set
27314	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27314	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27314	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27314	Neogen Veratox for Gliadin (8480)	0	no data
27314	Neogen Veratox for Gliadin R5 (8510)	10	51.8
27314	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27314	R-Biopharm RIDASCREEN Gliadin (R7001)	58 (A)	56.3
27314	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	3 (A)	not set
27314	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1	not set
27314	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27314	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	2	not set
27314	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27314	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	8	38.8
27314	Gluten by other kit/method	4	not set
27311A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27311A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27311A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27311A	Morinaga Wheat/Gluten ELISA II (M2114)	1	not set

PT	analyte	n	AV, mg/kg
27311A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27311A	Neogen Veratox for Gliadin (8480)	1	not set
27311A	Neogen Veratox for Gliadin R5 (8510)	2	not set
27311A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27311A	R-Biopharm RIDASCREEN Gliadin (R7001)	31 (A)	21.1
27311A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set
27311A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27311A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27311A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	4	26.3
27311A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	3	not set
27311A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27311A	Gluten by other kit/method	3	not set
27311B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27311B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27311B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27311B	Morinaga Wheat/Gluten ELISA II (M2114)	1	not set
27311B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27311B	Neogen Veratox for Gliadin (8480)	0	no data
27311B	Neogen Veratox for Gliadin R5 (8510)	2	not set
27311B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27311B	R-Biopharm RIDASCREEN Gliadin (R7001)	26 (A)	10.3
27311B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set
27311B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27311B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27311B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	3	not set
27311B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	not set

PT	analyte	n	AV, mg/kg
27311B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27311B	Gluten by other kit/method	2	not set
27308A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27308A	ELISA Systems Gluten (ESGLUT-48)	0	no data
27308A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27308A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27308A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27308A	Neogen Veratox for Gliadin (8480)	0	no data
27308A	Neogen Veratox for Gliadin R5 (8510)	1	not set
27308A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27308A	R-Biopharm RIDASCREEN Gliadin (R7001)	1	not set
27308A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	0	no data
27308A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27308A	R-Biopharm RIDASCREEN Gliadin Competitive (R7021)	28	12.2
27308A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27308A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27308A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27308A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	0	no data
27308A	SENSISpec Ingezim Hydrolyzed Gluten (30.GLH.K.2)	0	no data
27308A	Gluten by other kit/method	3	not set
27302A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27302A	ELISA Systems Gluten (ESGLUT-48)	0	no data
27302A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27302A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27302A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27302A	Neogen Veratox for Gliadin (8480)	0	no data
27302A	Neogen Veratox for Gliadin R5 (8510)	5	20.4

PT	analyte	n	AV, mg/kg
27302A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27302A	R-Biopharm RIDASCREEN Gliadin (R7001)	33	16.8
27302A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	0	not set
27302A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27302A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27302A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27302A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27302A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	1	not set
27302A	Gluten by other kit/method	3	not set
27301A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27301A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27301A	Morinaga Wheat/Gluten ELISA (M2103)	1	not set
27301A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27301A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27301A	Neogen Veratox for Gliadin (8480)	3	not set
27301A	Neogen Veratox for Gliadin R5 (8510)	13	9.54
27301A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27301A	R-Biopharm RIDASCREEN Gliadin (R7001)	71	8.11
27301A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	3	not set
27301A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	2	not set
27301A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1	not set
27301A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	9	13.3
27301A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27301A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	2	not set
27301A	Gluten by other kit/method	6	not set
27301B	BioFront MonoTrace Gluten (GLU-EK)	0	no data

PT	analyte	n	AV, mg/kg
27301B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27301B	Morinaga Wheat/Gluten ELISA (M2103)	1	not set
27301B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27301B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27301B	Neogen Veratox for Gliadin (8480)	3	not set
27301B	Neogen Veratox for Gliadin R5 (8510)	14	16.7
27301B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27301B	R-Biopharm RIDASCREEN Gliadin (R7001)	78 (A)	16.0
27301B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	5 (A)	13.2
27301B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	2 (A)	not set
27301B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1 (A)	not set
27301B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	9 (A)	16.0
27301B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27301B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	2	not set
27301B	Gluten by other kit/method	6	not set
27298B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27298B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27298B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27298B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27298B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27298B	Neogen Veratox for Gliadin (8480)	0	no data
27298B	Neogen Veratox for Gliadin R5 (8510)	5	14.6
27298B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27298B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	4 (A)	not set
27298B	R-Biopharm RIDASCREEN Gliadin (R7001)	68 (A)	14.2
27298B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27298B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data

PT	analyte	n	AV, mg/kg
27298B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	not set
27298B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	3	not set
27298B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	2	not set
27298B	Gluten by other kit/method	2	not set
27293A	Neogen Veratox for Gliadin R5 (8510)	2	not set
27293A	R-Biopharm RIDASCREEN Gliadin (R7001)	4	19.5
27293B	Neogen Veratox for Gliadin R5 (8510)	2	not set
27293B	R-Biopharm RIDASCREEN Gliadin (R7001)	4	13.0
27289B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27289B	ELISA Systems Gluten (ESGLUT-48)	2	not set
27289B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27289B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27289B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27289B	Neogen Veratox for Gliadin (8480)	0	no data
27289B	Neogen Veratox for Gliadin R5 (8510)	3	not set
27289B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27289B	R-Biopharm RIDASCREEN Gliadin (R7001)	53 (A)	20.3
27289B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set
27289B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27289B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1	not set
27289B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	2	not set
27289B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	4	not set
27289B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	6	19.0
27289B	Gluten by other kit/method	5	not set
27288A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27288A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27288A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data

PT	analyte	n	AV, mg/kg
27288A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27288A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27288A	Neogen Veratox for Gliadin (8480)	0	no data
27288A	Neogen Veratox for Gliadin R5 (8510)	5	18.7
27288A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27288A	R-Biopharm RIDASCREEN Gliadin (R7001)	22	21.4
27288A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	0	no data
27288A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1	not set
27288A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27288A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	0	no data
27288A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	not set
27288A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27288A	Gluten by other kit/method	0	no data
27286	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27286	ELISA Systems Gluten (ESGLUT-48)	2	not set
27286	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27286	Morinaga Wheat/Gluten ELISA II (M2114)	1	not set
27286	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27286	Neogen Veratox for Gliadin (8480)	0	no data
27286	Neogen Veratox for Gliadin R5 (8510)	10	25.8
27286	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27286	R-Biopharm RIDASCREEN Gliadin (R7001)	68 (A)	35.6
27286	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	3 (A)	30.9
27286	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27286	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27286	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	3	not set

PT	analyte	n	AV, mg/kg
27286	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	8	29.4
27286	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	1	not set
27286	Gluten by other kit/method	5	not set
27281B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27281B	Neogen Veratox for Gliadin R5 (8510)	1	not set
27281B	R-Biopharm RIDASCREEN Gliadin Competitive (R7021)	31	15.6
27281B	SENSISpec Ingezim Hydrolyzed Gluten (30.GLH.K.2)	2	not set
27281B	Gluten by other kit/method (please specify)	1	not set
27276B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27276B	ELISA Systems Gluten (ESGLUT-48)	1	not set
27276B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27276B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27276B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27276B	Neogen Veratox for Gliadin (8480)	0	no data
27276B	Neogen Veratox for Gliadin R5 (8510)	5	24.2
27276B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27276B	R-Biopharm RIDASCREEN Gliadin (R7001)	48 (A)	20.9
27276B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	1 (A)	not set
27276B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	0	no data
27276B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27276B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	2	not set
27276B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	2	not set
27276B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27276B	Gluten by other kit/method (please specify)	2	not set
27275A	BioFront MonoTrace Gluten (GLU-EK)	1	not set
27275A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27275A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data

PT	analyte	n	AV, mg/kg
27275A	Morinaga Wheat/Gluten ELISA II (M2114)	1	not set
27275A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27275A	Neogen Veratox for Gliadin (8480)	0	no data
27275A	Neogen Veratox for Gliadin R5 (8510)	18	17.0
27275A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	6	11.3
27275A	R-Biopharm RIDASCREEN Gliadin (R7001)	94 (A)	14.9
27275A	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	10 (A)	14.4
27275A	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27275A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	1 (A)	not set
27275A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	9 (A)	17.0
27275A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	6	15.1
27275A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	0	no data
27275A	Gluten by other kit/method (please specify)	3	not set
27275B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27275B	ELISA Systems Gluten (ESGLUT-48)	2	not set
27275B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27275B	Morinaga Wheat/Gluten ELISA II (M2114)	2	not set
27275B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27275B	Neogen Veratox for Gliadin (8480)	0	no data
27275B	Neogen Veratox for Gliadin R5 (8510)	17	36.6
27275B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	6	38.2
27275B	R-Biopharm RIDASCREEN Gliadin (R7001)	99 (A)	36.7
27275B	R-Biopharm RIDASCREEN Fast Gliadin (R7002)	10 (A)	35.4
27275B	R-Biopharm RIDASCREEN FAST Gliadin sensitive (R7051)	1 (A)	not set
27275B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	3	not set
27275B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	9	53.6

PT	analyte	n	AV, mg/kg
27275B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	5	33.3
27275B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	2	not set
27275B	Gluten by other kit/method (please specify)	4	not set
27271A	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27271A	ELISA Systems Gluten (ESGLUT-48)	1	not set
27271A	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27271A	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27271A	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27271A	Neogen Veratox for Gliadin (8480)	0	no data
27271A	Neogen Veratox for Gliadin R5 (8510)	6	37.1
27271A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27271A	R-Biopharm Ridascreen Gliadin (R7001)	68 (A)	39.2
27271A	R-Biopharm Ridascreen Fast Gliadin (R7002)	4 (A)	35.3
27271A	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	no data
27271A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	3	not set
27271A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	2	not set
27271A	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	4	38.1
27271A	Gluten by other kit/method (please specify)	5	not set
27264B	BioFront MonoTrace Gluten (GLU-EK)	0	no data
27264B	ELISA Systems Gluten (ESGLUT-48)	2	not set
27264B	Morinaga Wheat/Gluten ELISA (M2103)	0	no data
27264B	Morinaga Wheat/Gluten ELISA II (M2114)	0	no data
27264B	Neogen BioKits Gluten Assay Kit (802002Y)	0	no data
27264B	Neogen Veratox for Gliadin (8480)	0	no data
27264B	Neogen Veratox for Gliadin R5 (8510)	6	24.5
27264B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	0	no data
27264B	R-Biopharm Ridascreen Gliadin (R7001)	52 (A)	24.8
27264B	R-Biopharm Ridascreen Fast Gliadin (R7002)	2 (A)	not set

PT	analyte	n	AV, mg/kg
27264B	Romer Labs AgraQuant ELISA Gluten (COKAL0248)	0	not set
27264B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	1	not set
27264B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	5	22.2
27264B	SENSISpec Ingezim Gluten Quick (30.GL2.K.2)	2	not set
27264B	Gluten by other kit/method (please specify)	4	not set
27262	Neogen Veratox for Gliadin R5 (8510)	10	71.5
27262	R-Biopharm Ridascreen Gliadin (R7001)	73 (A)	76
27262	R-Biopharm Ridascreen Fast Gliadin (R7002)	4 (A)	75.3
27262	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	5	60.4
27257B	R-Biopharm Ridascreen Gliadin Competitive (R7021)	27	21.1
27252B	Neogen Veratox for Gliadin R5 (8510)	4	21.3
27252B	R-Biopharm Ridascreen Gliadin (R7001+R7002)	61	16.6
27251A	Neogen Veratox for Gliadin R5 (8510)	11	57.6
27251A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	9	62.7
27251A	R-Biopharm Ridascreen Gliadin (R7001)	84 (A)	54.1
27251A	R-Biopharm Ridascreen Fast Gliadin (R7002)	10 (A)	55.1
27251A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	7	53.3
27251A	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	42.0
27251B	ELISA Systems Gluten (ESGLUT-48)	3	41.0
27251B	Neogen Veratox for Gliadin R5 (8510)	12	32.9
27251B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	9	34.2
27251B	R-Biopharm Ridascreen Gliadin (R7001)	85 (A)	34.3
27251B	R-Biopharm Ridascreen Fast Gliadin (R7002)	10 (A)	31.1
27251B	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	7	40.5
27251B	SENSISpec Ingezim Gluten R5 (30.GLU.K.2)	4	26.5
27247B	Neogen Veratox for Gliadin R5 (8510)	7	16.0

PT	analyte	n	AV, mg/kg
27247B	R-Biopharm Ridascreen Gliadin (R7001) & (R7002)	100 (A)	19.3 (A)
27240B	Ingenasa Ingezim Gluten (30.GLU.K2)	5	48.0
27240B	Neogen Veratox for Gliadin R5 (8510)	7	32.4
27240B	R-Biopharm Ridascreen Gliadin (R7001)	53 (A)	37.1
27240B	R-Biopharm Ridascreen Fast Gliadin (R7002)	4 (A)	29.7
27238	Ingenasa Ingezim Gluten (30.GLU.K2)	4	32.5
27238	Neogen Veratox for Gliadin R5 (8510)	16	20.4
27238	R-Biopharm Ridascreen Gliadin (R7001)	74 (A)	28.2
27238	R-Biopharm Ridascreen Fast Gliadin (R7002)	6 (A)	24.2
27233A	R-Biopharm Ridascreen Gliadin Competitive (R7021)	26	13.7
27288A	Ingenasa - Ingezim Gluten (30.GLU.K2)	9	54.0
27288A	Ingenasa Ingezim Gluten Quick (30.GL2.K2)	6	56.0
27288A	Neogen Veratox for Gliadin R5 (8510)	9	30.0
27288A	R-Biopharm Ridascreen Gliadin (R7001)	58	45.0
27227A	Ingenasa Ingezim Gluten (30.GLU.K2)	12	52.0
27227A	Ingenasa Ingezim Gluten Quick (30.GL2.K2)	7	56.0
27227A	Neogen Veratox for Gliadin R5 (8510)	16	37.3
27227A	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	4	45.2
27227A	R-Biopharm Ridascreen Gliadin (R7001)	97 (A)	50.0
27227A	R-Biopharm Ridascreen Fast Gliadin (R7002)	6 (A)	46.2
27227A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	3	50.7
27227B	Ingenasa Ingezim Gluten (30.GLU.K2)	12	43
27227B	Ingenasa Ingezim Gluten Quick (30.GL2.K2)	8	43.8
27227B	Neogen Veratox for Gliadin R5 (8510)	16	27.2
27227B	NH Foods Ltd FASTKIT ELISA Ver.III Wheat	4	33
27227B	R-Biopharm Ridascreen Gliadin (R7001)	98 (A)	34.7
27227B	R-Biopharm Ridascreen Fast Gliadin (R7002)	7 (A)	23.9
27222A	Ingenasa Ingezim Gluten Quick (30.GL2.K2)	4	30.4

PT	analyte	n	AV, mg/kg
27222A	Neogen Veratox for Gliadin R5 (8510)	7	20.7
27222A	R-Biopharm Ridascreen Gliadin (R7001)	90	31.9
27222A	Romer Labs AgraQuant ELISA Gluten G12 (COKAL0200)	6	21.9
27216A	Ingenasa: Ingezim Gluten (30.GLU.K2)	7	20.9
27216A	R-Biopharm: Ridascreen Gliadin (R7001)	47	22.5
27214	R-Biopharm - Ridascreen Gliadin (R7001)	60 (A)	44
27214	R-Biopharm - Ridascreen Fast Gliadin (R7002)	9 (A)	39.8
27214	Neogen - Veratox for Gliadin R5 (8510)	12	36
27214	Romer Labs - AgraQuant ELISA Gluten G12 (COKAL0200)	4	43.9

Appendix 2 Section 7-Table 5. Egg PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. **Highlighted data and cells marked with an (A) indicate an anomaly; either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values.**

PT	analyte	n	AV, mg/kg
27331A	BioFront MonoTrace Egg (EOM-EK)	2	not set
27331A	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	2	not set
27331A	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	2	not set
27331A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	11	4.6
27331A	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27331A	Neogen Veratox for Egg Allergen (8450)	18	8.05
27331A	NH Foods Ltd FASTKIT ELISA Ver.III Peanut	0	no data
27331A	R-Biopharm RIDASCREEN Egg (R6411)	9	9.64
27331A	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	44	5.66
27331A	Romer Labs AgraQuant Egg White (COKAL0848)	5	1.94
27331A	SENSISpec ELISA Egg White (HU0030007)	2	not set
27331A	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27331A	Egg by other kit/method	8	not set
27331A	Egg White Protein by other kit/method	8	not set
27331B	BioFront MonoTrace Egg (EOM-EK)	2	not set
27331B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	2	not set
27331B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	2	not set
27331B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	11	5.9
27331B	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27331B	Neogen Veratox for Egg Allergen (8450)	17	10
27331B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	1	not set
27331B	R-Biopharm RIDASCREEN Egg (R6411)	9	13.3

PT	analyte	n	AV, mg/kg
27331B	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	44	7.16
27331B	Romer Labs AgraQuant Egg White (COKAL0848)	5	2.29
27331B	SENSISpec ELISA Egg White (HU0030007)	2	not set
27331B	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27331B	Egg by other kit/method	7	not set
27331B	Egg White Protein by other kit/method (please specify)	8	not set
27324A	BioFront MonoTrace Egg (EOM-EK)	0	no data
27324A	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	2	not set
27324A	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	0	no data
27324A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	2	not set
27324A	Neogen BioKits Egg Assay Kit (902072T)	3	not set
27324A	Neogen Veratox for Egg Allergen (8450)	5	14.0
27324A	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27324A	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	12	9.95
27324A	R-Biopharm RIDASCREEN Egg (R6411)	1	not set
27324A	Romer Labs AgraQuant Egg White (COKAL0848)	4	not set
27324A	SENSISpec ELISA Egg White (HU0030007)	0	no data
27324A	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27324A	Egg by other kit/method	3	not set
27324A	Egg White Protein by other kit/method	2	not set
27314	BioFront MonoTrace Egg (EOM-EK)	0	no data
27314	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	2	not set
27314	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	2	not set
27314	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	3	not set
27314	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27314	Neogen Veratox for Egg Allergen (8450)	8	50.4
27314	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data

PT	analyte	n	AV, mg/kg
27314	R-Biopharm RIDASCREEN Egg (R6411)	6	144
27314	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	23	21.8
27314	Romer Labs AgraQuant Egg White (COKAL0848)	0	no data
27314	SENSISpec ELISA Egg White (HU0030007)	1	not set
27314	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27314	Egg by other kit/method	8	not set
27314	Egg White Protein by other kit/method	3	not set
27311A	BioFront Technologies Egg ELISA Kit (EOM-EK)	1	not set
27311A	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	1	not set
27311A	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	1	not set
27311A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	6	7.45
27311A	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27311A	Neogen Veratox for Egg Allergen (8450)	3	not set
27311A	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27311A	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	6	not set
27311A	Romer Labs AgraQuant Egg White (COKAL0848)	1	not set
27311A	SENSISpec ELISA Egg White (HU0030007)	1	not set
27311A	SENSISpec ELISA Ovalbumin (HU0030017)	1	not set
27311A	Egg by other kit/method	4	not set
27311A	Egg White Protein by other kit/method	0	no data
27311B	BioFront MonoTrace Egg (EOM-EK)	0	no data
27311B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	1	not set
27311B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	1	not set
27311B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	6	16.1
27311B	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27311B	Neogen Veratox for Egg Allergen (8450)	3	not set
27311B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data

PT	analyte	n	AV, mg/kg
27311B	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	6	25.2
27311B	Romer Labs AgraQuant Egg White (COKAL0848)	1	not set
27311B	SENSISpec ELISA Egg White (HU0030007)	1	not set
27311B	SENSISpec ELISA Ovalbumin (HU0030017)	1	not set
27311B	Egg by other kit/method	4	not set
27301A	BioFront MonoTrace Egg (EOM-EK)	1	not set
27301A	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	3	not set
27301A	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	1	not set
27301A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	8	7.4
27301A	Neogen BioKits Egg Assay Kit (902072T)	2	not set
27301A	Neogen Veratox for Egg Allergen (8450)	15	13.3
27301A	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27301A	R-Biopharm RIDASCREEN Egg (R6411)	6	17.4
27301A	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	37	9.03
27301A	Romer Labs AgraQuant Egg White (COKAL0848)	7	3.2
27301A	SENSISpec ELISA Egg White (HU0030007)	1	not set
27301A	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27301A	Egg by other kit/method	7	not set
27301A	Egg White Protein by other kit/method	3	not set
27301B	BioFront MonoTrace Egg (EOM-EK)	0	no data
27301B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	3	not set
27301B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	1	not set
27301B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	8	5.54
27301B	Neogen BioKits Egg Assay Kit (902072T)	2	not set
27301B	Neogen Veratox for Egg Allergen (8450)	15	10.1
27301B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27301B	R-Biopharm RIDASCREEN Egg (R6411)	6	12.7

PT	analyte	n	AV, mg/kg
27301B	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	37	6.72
27301B	Romer Labs AgraQuant Egg White (COKAL0848)	7	not set
27301B	SENSISpec ELISA Egg White (HU0030007)	1	not set
27301B	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27301B	Egg by other kit/method	7	not set
27301B	Egg White Protein by other kit/method	3	not set
27296B	BioFront MonoTrace Egg (EOM-EK)	0	no data
27296B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	0	no data
27296B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	0	no data
27296B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	3	not set
27296B	Neogen BioKits Egg Assay Kit (902072T)	4	7.72 (A)
27296B	Neogen Veratox for Egg Allergen (8450)	6	18.2 (A)
27296B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27296B	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	12	12.9 (A)
27296B	R-Biopharm RIDASCREEN Egg (R6411)	4	16.1 (A)
27296B	Romer Labs AgraQuant Egg White (COKAL0848)	2	not set
27296B	SENSISpec ELISA Egg White (HU0030007)	0	no data
27296B	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27296B	Egg by other kit/method	1	not set
27296B	Egg White Protein by other kit/method	3	not set
27293A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	1	not set
27293A	Neogen Veratox for Egg Allergen (8450)	1	not set
27293A	Egg by other kit/method	1	not set
27293B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	1	not set
27293B	Neogen Veratox for Egg Allergen (8450)	1	not set
27293B	Egg by other kit/method	0	no data
27286	BioFront Technologies Egg ELISA Kit (EOM-EK)	0	no data

PT	analyte	n	AV, mg/kg
27286	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	5	not set
27286	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	3	not set
27286	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	17	14
27286	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27286	Neogen Veratox for Egg Allergen (8450)	7	30.9
27286	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27286	R-Biopharm RIDASCREEN Egg (R6411)	6	40.2
27286	R-Biopharm RIDASCREEN Fast Ei/Egg protein (R6402)	22	13
27286	Romer Labs AgraQuant Egg White (COKAL0848)	2	not set
27286	SENSISpec ELISA Egg White (HU0030007)	2	not set
27286	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27286	Egg by other kit/method	4	not set
27286	Egg White Protein by other kit/method	5	not set
27275A	BioFront Technologies Egg ELISA Kit (EOM-EK)	1	not set
27275A	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	4	not set
27275A	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	1	not set
27275A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	8	7.1
27275A	Neogen BioKits Egg Assay Kit (902072T)	1	not set
27275A	Neogen Veratox for Egg Allergen (8450)	12	20.5
27275A	NH Foods Ltd FASTKIT ELISA Ver.III Egg	6	8.09
27275A	R-Biopharm RIDASCREEN Egg (R6411)	21	14.2
27275A	Romer Labs AgraQuant Egg White (COKAL0848)	7	3.8
27275A	SENSISpec ELISA Egg White (HU0030007)	1	not set
27275A	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27275A	Egg by other kit/method (please specify)	16	not set
27275A	Egg White Protein by other kit/method (please specify)	9	not set
27275A	R-Biopharm RIDASCREEN Fast Egg (R6402)	25	14

PT	analyte	n	AV, mg/kg
27275B	BioFront Technologies Egg ELISA Kit (EOM-EK)	2	not set
27275B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	4	not set
27275B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	2	not set
27275B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	6	19.3
27275B	Neogen BioKits Egg Assay Kit (902072T)	2	not set
27275B	Neogen Veratox for Egg Allergen (8450)	10	93
27275B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	6	32.8
27275B	R-Biopharm RIDASCREEN Egg (R6411)	21	56
27275B	Romer Labs AgraQuant Egg White (COKAL0848)	7	13.1
27275B	SENSISpec ELISA Egg White (HU0030007)	2	not set
27275B	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27275B	Egg by other kit/method (please specify)	16	not set
27275B	Egg White Protein by other kit/method (please specify)	10	not set
27275B	R-Biopharm RIDASCREEN Fast Egg (R6402)	23	47.7
27269B	BioFront MonoTrace Egg (EOM-EK)	0	no data
27269B	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	1	not set
27269B	Morinaga Egg (Ovalbumin) ELISA Kit (M2101)	0	no data
27269B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	4	not set
27269B	Neogen BioKits Egg Assay Kit (902072T)	3	not set
27269B	Neogen Veratox for Egg Allergen (8450)	6	27.1
27269B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	0	no data
27269B	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	13	20.3
27269B	Romer Labs AgraQuant Egg White (COKAL0848)	0	no data
27269B	SENSISpec ELISA Egg White (HU0030007)	0	no data
27269B	SENSISpec ELISA Ovalbumin (HU0030017)	0	no data
27269B	Egg by other kit/method (please specify)	3	not set
27269B	Egg White Protein by other kit/method (please specify)	3	not set

PT	analyte	n	AV, mg/kg
27262	ELISA Systems Enhanced Egg Residue Kit (ESEGG-48)	4	38
27262	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	8	46
27262	Neogen Veratox for Egg Allergen (8450)	13	62.4
27262	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	30	27
27251A	BioFront MonoTrace Egg (EOM-EK)	4	38.5
27251A	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	11	19.7
27251A	Neogen Veratox for Egg Allergen (8450)	12	69.5
27251A	NH Foods Ltd FASTKIT ELISA Ver.III Egg	8	21
27251A	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	51	41.7
27251A	Romer Labs AgraQuant Egg White (COKAL0848)	6	11.2
27251B	BioFront MonoTrace Egg (EOM-EK)	4	21
27251B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	11	9.2
27251B	Neogen Veratox for Egg Allergen (8450)	12	32.5
27251B	NH Foods Ltd FASTKIT ELISA Ver.III Egg	8	9.3
27251B	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	53	20.6
27251B	Romer Labs AgraQuant Egg White (COKAL0848)	6	5.75
27245B	Morinaga Egg (Ovalbumin) ELISA Kit II (M2111)	4	12.7
27245B	Neogen BioKits Egg Assay Kit (902072T)	6	8.95
27245B	Neogen Veratox for Egg Allergen (8450)	6	35.7
27245B	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	13	24.8
27245B	Romer Labs AgraQuant Egg White (COKAL0848)	3	6.4
27238	Neogen Veratox for Egg Allergen (8450)	11	82.3
27238	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	31	29.6
27227A	Neogen BioKits Egg Assay Kit (902072T)	3	17.8
27227A	Neogen Veratox for Egg Allergen (8450)	15	64

PT	analyte	n	AV, mg/kg
27227A	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	51	46.2
27227B	Neogen BioKits Egg Assay Kit (902072T)	3	9.1
27227B	Neogen Veratox for Egg Allergen (8450)	15	36
27227B	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	51	22.8
27220B	Neogen Veratox for Egg Allergen (8450)	10	20
27220B	R-Biopharm Ridascreen Fast Ei/Egg protein (R6402)	10	14.8
27220B	Neogen BioKits Egg Assay Kit (902072T)	6	5.69
27214	R-Biopharm - Ridascreen Fast Ei/Egg protein (R6402)	20	134 (A)
27214	Neogen - Veratox for Egg Allergen (8450)	7	243 (A)
27214	Morinaga - Egg Protein ELISA Kit	4	3399 (A)

Appendix 2 Section 7-Table 6. Milk PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. **Highlighted data and those marked with an A indicate an anomaly; either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values.**

PT	analyte	n	AV, mg/kg
27331A	BioFront MonoTrace Milk (Casein) (CAS-EK)	1	not set
27331A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	6	0.725 (A)
27331A	ELISA Systems Casein (ESCASPRD-48)	4	38.6 (A)
27331A	ELISA Systems Total Milk (ESTMLK-48)	6	9.64 (A)
27331A	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	3	not set
27331A	Morinaga Casein ELISA Kit (M2102)	1	not set
27331A	Morinaga Casein ELISA Kit II (M2113)	6	23.0
27331A	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27331A	Neogen Veratox for Casein Allergen (8460)	1	not set
27331A	Neogen Veratox for Total Milk Allergen (8470)	24	58.4
27331A	NH Foods Ltd FASTKIT ELISA Ver.III Milk	1	not set
27331A	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	not set
27331A	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	13	not set
27331A	R-Biopharm RIDASCREEN Fast Casein (R4612)	18	12.4
27331A	R-Biopharm RIDASCREEN Fast Milk (R4652)	32	22.9
27331A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	2	not set
27331A	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27331A	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27331A	Romer Labs AgraQuant Milk (COKAL2448)	12	9.86
27331A	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27331A	SENSISpec ELISA Casein (HU0030003)	4	17.0

PT	analyte	n	AV, mg/kg
27331A	SENSISpec ELISA Milk (HU0030014)	2	not set
27331A	BLG by other kit/method	4	not set
27331A	Casein by other kit/method	2	not set
27331A	Milk by other kit/method	4	not set
27331B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27331B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	7	not set
27331B	ELISA Systems Casein (ESCASPRD-48)	6	not set
27331B	ELISA Systems Total Milk (ESTMLK-48)	7	not set
27331B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	3	not set
27331B	Morinaga Casein ELISA Kit (M2102)	2	not set
27331B	Morinaga Casein ELISA Kit II (M2113)	6	12
27331B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27331B	Neogen Veratox for Casein Allergen (8460)	2	not set
27331B	Neogen Veratox for Total Milk Allergen (8470)	25	23
27331B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	2	not set
27331B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	1	not set
27331B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	13	0.6
27331B	R-Biopharm RIDASCREEN Fast Casein (R4612)	19	5.63
27331B	R-Biopharm RIDASCREEN Fast Milk (R4652)	33	11.6
27331B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	3	not set
27331B	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27331B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27331B	Romer Labs AgraQuant Milk (COKAL2448)	11	5.6
27331B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	3	not set
27331B	SENSISpec ELISA Casein (HU0030003)	5	not set
27331B	SENSISpec ELISA Milk (HU0030014)	3	not set
27331B	BLG by other kit/method	4	not set

PT	analyte	n	AV, mg/kg
27331B	Casein by other kit/method	3	not set
27331B	Milk by other kit/method	5	not set
27329A	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27329A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	5	1.9
27329A	ELISA Systems Casein (ESCASPRD-48)	4	not set
27329A	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27329A	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	3	not set
27329A	Morinaga Casein ELISA Kit (M2102)	0	no data
27329A	Morinaga Casein ELISA Kit II (M2113)	3	24.6
27329A	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27329A	Neogen Veratox for Casein Allergen (8460)	1	not set
27329A	Neogen Veratox for Total Milk Allergen (8470)	5	not set
27329A	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27329A	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	1	not set
27329A	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	11	1.11
27329A	R-Biopharm RIDASCREEN Fast Casein (R4612)	18	15.2
27329A	R-Biopharm RIDASCREEN Fast Milk (R4652)	9	33.1
27329A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	4	0.365
27329A	Romer Labs AgraQuant Casein (COKAL1200)	4	14.5
27329A	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27329A	Romer Labs AgraQuant Milk (COKAL2448)	3	not set
27329A	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27329A	SENSISpec ELISA Casein (HU0030003)	2	not set
27329A	SENSISpec ELISA Milk (HU0030014)	0	no data
27329A	BLG by other kit/method	3	not set
27329A	Casein by other kit/method	3	not set
27329A	Milk by other kit/method	3	not set

PT	analyte	n	AV, mg/kg
27322B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27322B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	4	2.25
27322B	ELISA Systems Casein (ESCASPRD-48)	3	not set
27322B	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27322B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	2	not set
27322B	Morinaga Casein ELISA Kit (M2102)	0	no data
27322B	Morinaga Casein ELISA Kit II (M2113)	2	not set
27322B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27322B	Neogen Veratox for Casein Allergen (8460)	1	not set
27322B	Neogen Veratox for Total Milk Allergen (8470)	5	22
27322B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27322B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	no data
27322B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	10	1.52
27322B	R-Biopharm RIDASCREEN Fast Casein (R4612)	19	21.1 (A)
27322B	R-Biopharm RIDASCREEN Fast Milk (R4652)	9	24.3 (A)
27322B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	2	not set
27322B	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27322B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27322B	Romer Labs AgraQuant Milk (COKAL2448)	3	not set
27322B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27322B	SENSISpec ELISA Casein (HU0030003)	0	no data
27322B	SENSISpec ELISA Milk (HU0030014)	0	no data
27322B	BLG by other kit/method	1	not set
27322B	Casein by other kit/method	2	not set
27322B	Milk by other kit/method	1	not set
27316A	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data

PT	analyte	n	AV, mg/kg
27316A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	1	not set
27316A	ELISA Systems Casein (ESCASPRD-48)	2	not set
27316A	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27316A	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	0	no data
27316A	Morinaga Casein ELISA Kit (M2102)	0	no data
27316A	Morinaga Casein ELISA Kit II (M2113)	0	no data
27316A	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27316A	Neogen Veratox for Casein Allergen (8460)	0	no data
27316A	Neogen Veratox for Total Milk Allergen (8470)	5	not set
27316A	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27316A	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	1	not set
27316A	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	7 (A)	1.56 (A)
27316A	R-Biopharm RIDASCREEN Fast Casein (R4612)	13 (A)	31(A)
27316A	R-Biopharm RIDASCREEN Fast Milk (R4652)	7 (A)	17.8 (A)
27316A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	0	no data
27316A	Romer Labs AgraQuant Casein (COKAL1200)	1	not set
27316A	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27316A	Romer Labs AgraQuant Milk (COKAL2448)	0	no data
27316A	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27316A	SENSISpec ELISA Casein (HU0030003)	2	not set
27316A	SENSISpec ELISA Milk (HU0030014)	0	no data
27316A	BLG by other kit/method	3	not set
27316A	Casein by other kit/method	2	not set
27316A	Milk by other kit/method	2	not set
27314	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27314	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	2	not set

PT	analyte	n	AV, mg/kg
27314	ELISA Systems Casein (ESCASPRD-48)	3	not set
27314	ELISA Systems Total Milk (ESTMLK-48)	3	6.1
27314	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	2	not set
27314	Morinaga Casein ELISA Kit (M2102)	1	not set
27314	Morinaga Casein ELISA Kit II (M2113)	3	23.0
27314	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27314	Neogen Veratox for Casein Allergen (8460)	0	no data
27314	Neogen Veratox for Total Milk Allergen (8470)	15	23.7
27314	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27314	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	1	not set
27314	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	5	1.51
27314	R-Biopharm RIDASCREEN Fast Casein (R4612)	9	12.8
27314	R-Biopharm RIDASCREEN Fast Milk (R4652)	23	27.7
27314	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	0	no data
27314	Romer Labs AgraQuant Casein (COKAL1200)	2	not set
27314	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27314	Romer Labs AgraQuant Milk (COKAL2448)	3	not set
27314	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27314	SENSISpec ELISA Casein (HU0030003)	2	not set
27314	SENSISpec ELISA Milk (HU0030014)	1	not set
27314	BLG by other kit/method	5	not set
27314	Casein by other kit/method	4	not set
27314	Milk by other kit/method	5	not set
27313B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	1	not set
27313B	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27313B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	1	not set
27313B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data

PT	analyte	n	AV, mg/kg
27313B	Neogen Veratox for Total Milk Allergen (8470)	2	not set
27313B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27313B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	2	not set
27313B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	4	not set
27313B	R-Biopharm RIDASCREEN Fast Milk (R4652)	1	not set
27313B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	2	not set
27313B	Romer Labs AgraQuant Milk (COKAL2448)	0	no data
27313B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27313B	SENSISpec ELISA Milk (HU0030014)	0	no data
27313B	BLG by other kit/method	3	not set
27313B	Milk by other kit/method	2	not set
27304B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27304B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	8	0.439
27304B	ELISA Systems Casein (ESCASPRD-48)	2	not set
27304B	ELISA Systems Total Milk (ESTMLK-48)	0	no data
27304B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	1	not set
27304B	Morinaga Casein ELISA Kit (M2102)	0	no data
27304B	Morinaga Casein ELISA Kit II (M2113)	2	not set
27304B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27304B	Neogen Veratox for Casein Allergen (8460)	0	no data
27304B	Neogen Veratox for Total Milk Allergen (8470)	0	no data
27304B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27304B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	3	not set
27304B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	3	not set
27304B	R-Biopharm RIDASCREEN Fast Casein (R4612)	1	not set
27304B	R-Biopharm RIDASCREEN Fast Milk (R4652)	1	not set

PT	analyte	n	AV, mg/kg
27304B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	0	no data
27304B	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27304B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27304B	Romer Labs AgraQuant Milk (COKAL2448)	3	not set
27304B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27304B	SENSISpec ELISA Casein (HU0030003)	3	not set
27304B	SENSISpec ELISA Milk (HU0030014)	3	not set
27304B	BLG by other kit/method	0	no data
27304B	Casein by other kit/method	3	not set
27304B	Milk by other kit/method	2	not set
27301A	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27301A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	5	0.59
27301A	ELISA Systems Casein (ESCASPRD-48)	5	not set
27301A	ELISA Systems Total Milk (ESTMLK-48)	3	not set
27301A	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	1	not set
27301A	Morinaga Casein ELISA Kit (M2102)	1	not set
27301A	Morinaga Casein ELISA Kit II (M2113)	2	not set
27301A	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27301A	Neogen Veratox for Casein Allergen (8460)	2	not set
27301A	Neogen Veratox for Total Milk Allergen (8470)	28	56.8
27301A	NH Foods Ltd FASTKIT ELISA Ver.III Milk	1	not set
27301A	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	no data
27301A	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	15	1.19
27301A	R-Biopharm RIDASCREEN Fast Casein (R4612)	18	11.0
27301A	R-Biopharm RIDASCREEN Fast Milk (R4652)	30	19.6
27301A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	2	not set

PT	analyte	n	AV, mg/kg
27301A	Romer Labs AgraQuant Casein (COKAL1200)	4	not set
27301A	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27301A	Romer Labs AgraQuant Milk (COKAL2448)	16	8.37
27301A	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27301A	SENSISpec ELISA Casein (HU0030003)	0	no data
27301A	SENSISpec ELISA Milk (HU0030014)	0	no data
27301A	BLG by other kit/method	3	not set
27301A	Casein by other kit/method	2	not set
27301A	Milk by other kit/method	7	not set
27301B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27301B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	4	0.34
27301B	ELISA Systems Casein (ESCASPRD-48)	6	not set
27301B	ELISA Systems Total Milk (ESTMLK-48)	2	not set
27301B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	1	not set
27301B	Morinaga Casein ELISA Kit (M2102)	1	not set
27301B	Morinaga Casein ELISA Kit II (M2113)	2	not set
27301B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27301B	Neogen Veratox for Casein Allergen (8460)	2	not set
27301B	Neogen Veratox for Total Milk Allergen (8470)	28	30.5
27301B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	1	not set
27301B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	no data
27301B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	14	0.545
27301B	R-Biopharm RIDASCREEN Fast Casein (R4612)	19	6.0 (A)
27301B	R-Biopharm RIDASCREEN Fast Milk (R4652)	29	9.78 (A)
27301B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	2	not set
27301B	Romer Labs AgraQuant Casein (COKAL1200)	5	not set

PT	analyte	n	AV, mg/kg
27301B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27301B	Romer Labs AgraQuant Milk (COKAL2448)	16	3.85
27301B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27301B	SENSISpec ELISA Casein (HU0030003)	2	not set
27301B	SENSISpec ELISA Milk (HU0030014)	0	no data
27301B	BLG by other kit/method	3	not set
27301B	Casein by other kit/method	2	not set
27301B	Milk by other kit/method	7	not set
27288A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	2	not set
27288A	ELISA Systems Casein (ESCASPRD-48)	2	not set
27288A	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27288A	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	1	not set
27288A	Morinaga Casein ELISA Kit II (M2113)	1	not set
27288A	Neogen Veratox for Casein Allergen (8460)	1	not set
27288A	Neogen Veratox for Total Milk Allergen (8470)	4	not set
27288A	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	1	not set
27288A	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	4	not set
27288A	R-Biopharm RIDASCREEN Fast Casein (R4612)	10	20.5
27288A	R-Biopharm RIDASCREEN Fast Milk (R4652)	6	30.7
27288A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	1	not set
27288A	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27288A	Romer Labs AgraQuant Milk (COKAL2448)	2	not set
27288A	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27288A	SENSISpec ELISA Casein (HU0030003)	2	not set
27288A	SENSISpec ELISA Milk (HU0030014)	1	not set
27288A	BLG by other kit/method	2	not set
27288A	Casein by other kit/method	3	not set

PT	analyte	n	AV, mg/kg
27288A	Milk by other kit/method	0	no data
27286	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	7	2.8
27286	ELISA Systems Casein (ESCASPRD-48)	5	not set
27286	ELISA Systems Total Milk (ESTMLK-48)	4	not set
27286	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	6	not set
27286	Morinaga Casein ELISA Kit (M2102)	1	not set
27286	Morinaga Casein ELISA Kit II (M2113)	5	not set
27286	Neogen Veratox for Total Milk Allergen (8470)	16	50.4
27286	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27286	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	no data
27286	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	9	3.58
27286	R-Biopharm RIDASCREEN Fast Casein (R4612)	12	30.1
27286	R-Biopharm RIDASCREEN Fast Milk (R4652)	19	63.6
27286	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	1	not set
27286	Romer Labs AgraQuant Casein (COKAL1200)	2	not set
27286	Romer Labs AgraQuant Plus Casein (COKAL1248F)	1	not set
27286	Romer Labs AgraQuant Milk (COKAL2448)	5	not set
27286	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27286	SENSISpec ELISA Casein (HU0030003)	5	not set
27286	SENSISpec ELISA Milk (HU0030014)	4	not set
27286	BLG by other kit/method	4	not set
27286	Casein by other kit/method	3	not set
27286	Milk by other kit/method	2	not set
27285B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	0	no data
27285B	ELISA Systems Casein (ESCASPRD-48)	1	not set
27285B	ELISA Systems Total Milk (ESTMLK-48)	1	not set

PT	analyte	n	AV, mg/kg
27285B	Neogen BioKits BLG Assay Kit (902061Y)	1	not set
27285B	Neogen Veratox for Casein Allergen (8460)	1	not set
27285B	Neogen Veratox for Total Milk Allergen (8470)	1	not set
27285B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	0	no data
27285B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	8	11
27285B	R-Biopharm RIDASCREEN Fast Casein (R4612)	6	244
27285B	R-Biopharm RIDASCREEN Fast Milk (R4652)	5	not set
27285B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	5	3
27285B	Romer Labs AgraQuant Casein (COKAL1200)	3	not set
27285B	Romer Labs AgraQuant Milk (COKAL2448)	4	not set
27285B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	1	not set
27285B	SENSISpec ELISA Casein (HU0030003)	1	not set
27285B	BLG by other kit/method	2	not set
27285B	Casein by other kit/method	1	not set
27285B	Milk by other kit/method	0	no data
27274B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27274B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	5	not set
27274B	ELISA Systems Casein (ESCASPRD-48)	3	not set
27274B	ELISA Systems Total Milk (ESTMLK-48)	1	not set
27274B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	3	not set
27274B	Morinaga Casein ELISA Kit (M2102)	1	not set
27274B	Morinaga Casein ELISA Kit II (M2113)	3	24
27274B	Neogen BioKits BLG Assay Kit (902061Y)	1	not set
27274B	Neogen Veratox for Casein Allergen (8460)	4	not set
27274B	Neogen Veratox for Total Milk Allergen (8470)	10	73.9
27274B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27274B	R-Biopharm RIDASCREEN β -Lactoglobulin (R4901)	2	not set

PT	analyte	n	AV, mg/kg
27274B	R-Biopharm RIDASCREEN Fast β -Lactoglobulin (R4912)	15	1.4
27274B	R-Biopharm RIDASCREEN Fast Casein (R4612)	24	23.8 (A)
27274B	R-Biopharm RIDASCREEN Fast Milk (R4652)	11	28.5 (A)
27274B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	0	no data
27274B	Romer Labs AgraQuant Casein (COKAL1200)	2	not set
27274B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27274B	Romer Labs AgraQuant Milk (COKAL2448)	1	not set
27274B	SENSISpec ELISA β -Lactoglobulin (HU0030002)	2	not set
27274B	SENSISpec ELISA Casein (HU0030003)	0	no data
27274B	SENSISpec ELISA Milk (HU0030014)	1	not set
27274B	BLG by other kit/method (please specify)	4	not set
27274B	Casein by other kit/method (please specify)	4	not set
27274B	Milk by other kit/method (please specify)	1	not set
27264B	BioFront MonoTrace Milk (Casein) (CAS-EK)	0	no data
27264B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	3	not set
27264B	ELISA Systems Casein (ESCASPRD-48)	3	not set
27264B	ELISA Systems Total Milk (ESTMLK-48)	2	not set
27264B	Morinaga Beta-lactoglobulin ELISA Kit II (M2112)	2	not set
27264B	Morinaga Casein ELISA Kit (M2102)	0	no data
27264B	Morinaga Casein ELISA Kit II (M2113)	2	not set
27264B	Neogen BioKits BLG Assay Kit (902061Y)	0	no data
27264B	Neogen Veratox for Casein Allergen (8460)	0	no data
27264B	Neogen Veratox for Total Milk Allergen (8470)	11	33.7
27264B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	0	no data
27264B	R-Biopharm Ridascreen β -Lactoglobulin (R4901)	0	no data
27264B	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	6	1.28
27264B	R-Biopharm Ridascreen Fast Casein (R4612)	18 (A)	31.4 (A)

PT	analyte	n	AV, mg/kg
27264B	R-Biopharm Ridascreen Fast Milk (R4652)	15 (A)	29.9 (A)
27264B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	1	not set
27264B	Romer Labs AgraQuant Casein (COKAL1200)	8	16.9
27264B	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27264B	Romer Labs AgraQuant Milk (COKAL2448)	3	not set
27262	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	6	2.1
27262	Morinaga Casein ELISA Kit II (M2113)	5	73.5
27262	Neogen Veratox for Total Milk Allergen (8470)	21	101
27262	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	11	3.1
27262	R-Biopharm Ridascreen Fast Casein (R4612)	13	33.9
27262	R-Biopharm Ridascreen Fast Milk (R4652)	23	55.9
27262	Romer Labs AgraQuant Casein (COKAL1200)	4	30.6
27262	Romer Labs AgraQuant Milk (COKAL2448)	4	46.9
27261B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	4	15
27261B	R-Biopharm Ridascreen β -Lactoglobulin (R4901)	4	7.72
27261B	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	4	3.12
27261B	Romer Labs AgraQuant Milk (COKAL2448)	3	111
27251A	ELISA Systems Total Milk (ESTMLK-48)	5	28
27251A	Morinaga Casein ELISA Kit II (M2113)	5	32.7
27251A	Neogen Veratox for Total Milk Allergen (8470)	22	94.5
27251A	NH Foods Ltd FASTKIT ELISA Ver.III Milk	8	33.2
27251A	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	14	1.45
27251A	R-Biopharm Ridascreen Fast Casein (R4612)	18	12.5
27251A	R-Biopharm Ridascreen Fast Milk (R4652)	39	25.9
27251A	Romer Labs AgraQuant Milk (COKAL2448)	7	28.7

PT	analyte	n	AV, mg/kg
27251B	ELISA Systems Total Milk (ESTMLK-48)	5	36
27251B	Morinaga Casein ELISA Kit II (M2113)	5	46
27251B	Neogen Veratox for Total Milk Allergen (8470)	23	124
27251B	NH Foods Ltd FASTKIT ELISA Ver.III Milk	8	58.4
27251B	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	14	2.24
27251B	R-Biopharm Ridascreen Fast Casein (R4612)	18	22.4
27251B	R-Biopharm Ridascreen Fast Milk (R4652)	39	43.7
27251B	Romer Labs AgraQuant Milk (COKAL2448)	7	45.7
27250A	Morinaga Casein ELISA Kit II (M2113)	3	41
27250A	Neogen Veratox for Total Milk Allergen (8470)	9	97.7
27250A	R-Biopharm Ridascreen Fast Casein (R4612)	17	35 (A)
27250A	R-Biopharm Ridascreen Fast Milk (R4652)	6	40.1 (A)
27240B	ELISA Systems Casein (ESCASPRD-48)	4	90.1
27240B	Neogen Veratox for Total Milk Allergen (8470)	9	29.4
27240B	R-Biopharm Ridascreen Fast Casein (R4612)	19	25.9 (A)
27240B	R-Biopharm Ridascreen Fast Milk (R4652)	14	21.3 (A)
27240B	Romer Labs AgraQuant Casein (COKAL1200)	7	16.3
27238	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	7	2.4
27238	Morinaga Casein ELISA Kit II (M2113)	4	82.0
27238	Neogen Veratox for Total Milk Allergen (8470)	20	98.8
27238	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	9	3.98
27238	R-Biopharm Ridascreen Fast Casein (R4612)	19	37.5
27238	R-Biopharm Ridascreen Fast Milk (R4652)	28	51.8
27237A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	7	42.0
27237A	Neogen Veratox for Total Milk Allergen (8470)	5	560
27237A	R-Biopharm Ridascreen β -Lactoglobulin (R4901)	7	22.3
27237A	Romer Labs AgraQuant β -Lactoglobulin (COKAL1048)	4	11.5

PT	analyte	n	AV, mg/kg
27227A	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	6	2.23
27227A	ELISA Systems Casein (ESCASPRD-48)	6	1.4
27227A	Neogen Veratox for Total Milk Allergen (8470)	25	74.4
27227A	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	13	2.2
27227A	R-Biopharm Ridascreen Fast Casein (R4612)	20	17.3
27227A	R-Biopharm Ridascreen Fast Milk (R4652)	27	33.1
27227A	Romer Labs AgraQuant Milk (COKAL2448)	5	29.2
27227B	ELISA Systems Beta Lactoglobulin (ESMRDBLG-48)	6	3.13
27227B	Neogen Veratox for Total Milk Allergen (8470)	25	121
27227B	R-Biopharm Ridascreen Fast β -Lactoglobulin (R4912)	13	3.46
27227B	R-Biopharm Ridascreen Fast Casein (R4612)	20	23.3
27227B	R-Biopharm Ridascreen Fast Milk (R4652)	26	51.4
27226B	R-Biopharm Ridascreen Fast Casein (R4612)	16	29.6
27226B	Neogen Veratox for Total Milk Allergen (8470)	10	94
27226B	R-Biopharm Ridascreen Fast Milk (R4652)	7	40.9
27216A	R-Biopharm: Ridascreen Fast Casein (R4612)	16	97.8 (A)
27216A	Romer Labs: AgraQuant Casein (COKAL1200)	6	45.3
27216A	Neogen: Veratox for Total Milk Allergen (8470)	5	142
27216A	R-Biopharm: Ridascreen Fast Milk (R4652)	10	96.6 (A)
27214	R-Biopharm - Ridascreen Fast Milk (R4652)	20	46.1
27214	Neogen - Veratox for Total Milk Allergen (8470)	14	83.2
27214	Romer Labs - AgraQuant Milk (COKAL2448)	5	27.6
27214	R-Biopharm - Ridascreen Fast β -Lactoglobulin (R4902)	7	2.5
27213B	R-Biopharm - Ridascreen β -Lactoglobulin (R4901)	4	24.6 (A)
27213B	ELISA Systems - Beta Lactoglobulin (ESMRDBLG-48)	6	5.1 (A)

Appendix 2-Table 7. Soya PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. No obvious anomalies were identified (either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values).

PT	analyte	n	AV, mg/kg
27323A	Bio-Check (UK) Soya-Check (R6024/R6025)	1	not set
27323A	BioFront MonoTrace Soy (SG6-EK)	1	not set
27323A	ELISA Systems Soy (ESSOYPRD-48)	11	not set
27323A	Morinaga Soya ELISA Kit II (M2117)	2	not set
27323A	Neogen Veratox for Soy (8410)	24	not set
27323A	R-Biopharm RIDASCREEN Fast Soya (R7102)	6	not set
27323A	Romer Labs AgraQuant Soy (COKAL0448)	9	not set
27323A	SENSISpec ELISA Soy (HU0030023)	1	not set
27323A	Soya by other kit/method	5	not set
27323A	Soya Protein by other kit/method (please specify)	1	not set
27323B	Bio-Check (UK) Soya-Check (R6024/R6025)	1	not set
27323B	BioFront MonoTrace Soy (SG6-EK)	2	not set
27323B	ELISA Systems Soy (ESSOYPRD-48)	11	38.0
27323B	Morinaga Soya ELISA Kit II (M2117)	2	not set
27323B	Neogen Veratox for Soy (8410)	22	42.0
27323B	R-Biopharm RIDASCREEN Fast Soya (R7102)	28	15.2
27323B	Romer Labs AgraQuant Soy (COKAL0448)	9	not set
27323B	SENSISpec ELISA Soy (HU0030023)	1	not set
27323B	Soya by other kit/method	5	not set
27323B	Soya Protein by other kit/method	1	not set
27306B	Bio-Check (UK) Soya-Check (R6024/R6025)	0	no data
27306B	BioFront MonoTrace Soy (SG6-EK)	1	not set
27306B	ELISA Systems Soy (ESSOYPRD-48)	11	41.0
27306B	Morinaga Soya ELISA Kit II (M2117)	6	13.2
27306B	Neogen Veratox for Soy (8410)	18	42.9
27306B	R-Biopharm RIDASCREEN Fast Soya (R7102)	25	20.1

PT	analyte	n	AV, mg/kg
27306B	Romer Labs AgraQuant Soy (COKAL0448)	2	not set
27306B	SENSISpec ELISA Soy (HU0030023)	1	not set
27306B	Soya by other kit/method	4	not set
27306B	Soya Protein by other kit/method	1	not set
27295A	Bio-Check (UK) Soya-Check (R6024/R6025)	1	not set
27295A	BioFront MonoTrace Soy (SG6-EK)	1	not set
27295A	ELISA Systems Soy (ESSOYPRD-48)	7	28.0
27295A	Morinaga Soya ELISA Kit II (M2117)	2	not set
27295A	Neogen Veratox for Soy (8410)	22	34.1
27295A	R-Biopharm RIDASCREEN Fast Soya (R7102)	31	10.4
27295A	Romer Labs AgraQuant Soy (COKAL0448)	9	0.8
27295A	SENSISpec ELISA Soy (HU0030023)	0	no data
27295A	Soya by other kit/method	7	not set
27295A	Soya Protein by other kit/method	1	not set
27295B	Bio-Check (UK) Soya-Check (R6024/R6025)	1	not set
27295B	BioFront MonoTrace Soy (SG6-EK)	1	not set
27295B	ELISA Systems Soy (ESSOYPRD-48)	7	66.0
27295B	Morinaga Soya ELISA Kit II (M2117)	2	not set
27295B	Neogen Veratox for Soy (8410)	23	82.2
27295B	R-Biopharm RIDASCREEN Fast Soya (R7102)	28	26.0
27295B	Romer Labs AgraQuant Soy (COKAL0448)	8	2.0
27295B	SENSISpec ELISA Soy (HU0030023)	0	no data
27295B	Soya by other kit/method	7	not set
27295B	Soya Protein by other kit/method	1	not set
27279A	Bio-Check (UK) Soya-Check (R6024/R6025)	0	no data
27279A	BioFront MonoTrace Soy (SG6-EK)	0	no data
27279A	ELISA Systems Soy (ESSOYPRD-48)	8	58.0
27279A	Morinaga Soya ELISA Kit II (M2117)	4	not set
27279A	Neogen Veratox for Soy (8410)	21	69.9
27279A	R-Biopharm RIDASCREEN Fast Soya (R7102)	27	21.7
27279A	Romer Labs AgraQuant Soy (COKAL0448)	5	not set

PT	analyte	n	AV, mg/kg
27279A	SENSISpec ELISA Soy (HU0030023)	1	not set
27279A	Soya by other kit/method (please specify)	4	not set
27279A	Soya Protein by other kit/method (please specify)	1	not set
27279B	Bio-Check (UK) Soya-Check (R6024/R6025)	0	no data
27279B	BioFront MonoTrace Soy (SG6-EK)	0	no data
27279B	ELISA Systems Soy (ESSOYPRD-48)	8	16.8
27279B	Morinaga Soya ELISA Kit II (M2117)	4	not set
27279B	Neogen Veratox for Soy (8410)	21	24.8
27279B	R-Biopharm RIDASCREEN Fast Soya (R7102)	28	5.61
27279B	Romer Labs AgraQuant Soy (COKAL0448)	5	not set
27279B	SENSISpec ELISA Soy (HU0030023)	1	not set
27279B	Soya by other kit/method (please specify)	4	not set
27279B	Soya Protein by other kit/method (please specify)	1	not set
27268A	Bio-Check (UK) Soya-Check (R6024/R6025)	1	not set
27268A	BioFront MonoTrace Soy (SG6-EK)	2	not set
27268A	ELISA Systems Soy (ESSOYPRD-48)	9	46.8
27268A	Morinaga Soya ELISA Kit II (M2117)	0	no data
27268A	Neogen Veratox for Soy (8410)	17	79.5
27268A	NH Foods Ltd FASTKIT ELISA Ver.III Soybean	0	no data
27268A	R-Biopharm Ridascreen Fast Soya (R7102)	23	25.7
27268A	Romer Labs AgraQuant Soy (COKAL0448)	13	6.45
27268A	SENSISpec ELISA Soy (HU0030023)	1	not set
27268A	Soya by other kit/method (please specify)	3	not set
27268A	Soya Protein by other kit/method (please specify)	0	no data
27255A	BioFront MonoTrace Soy (SG6-EK)	3	152
27255A	ELISA Systems Soy (ESSOYPRD-48)	11	69.0
27255A	Neogen Veratox for Soy (8410)	20	90.5
27255A	R-Biopharm Ridascreen Fast Soya (R7102)	24	30.5
27244A	BioFront MonoTrace Soy (SG6-EK)	4	36.7
27244A	ELISA Systems Soy (ESSOYPRD-48)	8	44.6
27244A	Neogen Veratox for Soy (8410)	18	54.1

PT	analyte	n	AV, mg/kg
27244A	R-Biopharm Ridascreen Fast Soya (R7102)	21	25.6
27244A	Romer Labs AgraQuant Soy (COKAL0448)	12	7.82
27231A	ELISA Systems Soy (ESSOYPRD-48)	20	27.0
27231A	Neogen Veratox for Soy (8410)	36	36.3
27231A	Morinaga Soya ELISA Kit II (M2117)	5	8.7
27231A	R-Biopharm Ridascreen Fast Soya (R7102)	40	10.6

Appendix 2-Table 8. Tree nuts PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. No obvious anomalies were identified (either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values).

PT	analyte	n	AV, mg/kg
27327B	BioFront MonoTrace Hazelnut (HC9-EK)	1	not set
27327B	ELISA Systems Hazelnut (ESHRD-48)	11	0.91
27327B	Neogen BioKits Hazelnut Assay Kit (902048L)	0	no data
27327B	Neogen Veratox for Hazelnut Allergen (8420)	4	not set
27327B	Morinaga Hazelnut ELISA Kit II (M2119)	1	not set
27327B	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	12	10.3
27327B	Romer Labs AgraQuant Hazelnut (COKAL0348)	3	not set
27327B	SENSISpec ELISA Hazelnut (HU0030034)	3	not set
27327B	Hazelnut by other kit/method (please specify)	1	not set
27319	BioFront MonoTrace Hazelnut (HC9-EK)	2	not set
27319	ELISA Systems Hazelnut (ESHRD-48)	5	1.7
27319	Neogen BioKits Hazelnut Assay Kit (902048L)	0	no data
27319	Neogen Veratox for Hazelnut Allergen (8420)	9	9.4
27319	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	23	18.0
27319	Morinaga Hazelnut ELISA Kit II (M2119)	1	not set
27319	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	8	not set
27319	Romer Labs AgraQuant Hazelnut (COKAL0348)	8	13.8
27319	SENSISpec ELISA Hazelnut (HU0030034)	3	not set
27319	Hazelnut by other kit/method	4	not set
27319	Hazelnut Protein by other kit/method	0	no data
27305A	BioFront MonoTrace Almond (AP1-EK)	1	not set
27305A	ELISA Systems Almond (ESARD-48)	6	not set
27305A	Neogen Veratox for Almond Allergen (8440)	10	16

PT	analyte	n	AV, mg/kg
27305A	R-Biopharm RIDASCREEN Fast Mandel/Almond (R6901)	16	27.3
27305A	Romer Labs AgraQuant Almond (COKAL0748)	6	13.4
27305A	SENSISpec ELISA Almond (HU0030001)	3	not set
27305A	Almond by other kit/method	2	not set
27305A	Almond Protein by other kit/method	0	no data
27299A	BioFront MonoTrace Hazelnut (HC9-EK)	1	not set
27299A	ELISA Systems Hazelnut (ESHRD-48)	10	1.33
27299A	Neogen BioKits Hazelnut Assay Kit (902048L)	0	no data
27299A	Neogen Veratox for Hazelnut Allergen (8420)	4	not set
27299A	Morinaga Hazelnut ELISA Kit II (M2119)	1	not set
27299A	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	14	16.4
27299A	Romer Labs AgraQuant Hazelnut (COKAL0348)	2	not set
27299A	SENSISpec ELISA Hazelnut (HU0030034)	1	not set
27299A	Hazelnut by other kit/method	2	not set
27299A	Hazelnut Protein by other kit/method	1	not set
27291	BioFront MonoTrace Hazelnut (HC9-EK)	1	not set
27291	ELISA Systems Hazelnut (ESHRD-48)	4	not set
27291	Morinaga Hazelnut ELISA Kit II (M2119)	1	not set
27291	Neogen Veratox for Hazelnut Allergen (8420)	7	5.0
27291	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	20	10.8
27291	Romer Labs AgraQuant Hazelnut (COKAL0348)	12	6.95
27291	SENSISpec ELISA Hazelnut (HU0030034)	3	not set
27291	Hazelnut by other kit/method	5	not set
27278B	BioFront MonoTrace Almond (AP1-EK)	3	not set
27278B	ELISA Systems Almond (ESARD-48)	6	not set
27278B	Neogen Veratox for Almond Allergen (8440)	18	22.5
27278B	R-Biopharm RIDASCREEN Fast Mandel/Almond (R6901)	27	34.5

PT	analyte	n	AV, mg/kg
27278B	Romer Labs AgraQuant Almond (COKAL0748)	4	18.9
27278B	SENSISpec ELISA Almond (HU0030001)	2	not set
27278B	Almond by other kit/method (please specify)	6	not set
27278B	Almond Protein by other kit/method (please specify)	1	not set
27272A	BioFront MonoTrace Hazelnut (HC9-EK)	1	not set
27272A	ELISA Systems Hazelnut (ESHRD-48)	3	1.3
27272A	Neogen BioKits Hazelnut Assay Kit (902048L)	0	no data
27272A	Neogen Veratox for Hazelnut Allergen (8420)	6	not set
27272A	R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	16	12.5
27272A	Romer Labs AgraQuant Hazelnut (COKAL0348)	2	not set
27272A	SENSISpec ELISA Hazelnut (HU0030034)	1	not set
27272A	Hazelnut by other kit/method (please specify)	2	not set
27272A	Hazelnut Protein by other kit/method (please specify)	1	not set
27266	Bio-Check (UK) Hazelnut-Check (R6015/R6014)	0	no data
27266	BioFront MonoTrace Hazelnut (HC9-EK)	2	not set
27266	ELISA Systems Hazelnut (ESHRD-48)	12	2.01
27266	Neogen BioKits Hazelnut Assay Kit (902048L)	0	no data
27266	Neogen Veratox for Hazelnut Allergen (8420)	14	10.4
27266	R-Biopharm Ridascreen Fast Hazelnut (R6802)	24	25.7
27266	Romer Labs AgraQuant Hazelnut (COKAL0348)	11	18.6
27266	SENSISpec ELISA Hazelnut (HU0030034)	2	not set
27266	Hazelnut by other kit/method (please specify)	6	not set
27266	Hazelnut Protein by other kit/method (please specify)	1	not set
27254B	ELISA Systems Almond (ESARD-48)	5	4.3
27254B	Neogen Veratox for Almond Allergen (8440)	13	29.3
27254B	R-Biopharm Ridascreen Fast Mandel/Almond (R6901)	23	46.4
27254B	Romer Labs AgraQuant Almond (COKAL0748)	4	21.9

PT	analyte	n	AV, mg/kg
27248B	ELISA Systems Hazelnut (ESHRD-48)	12	1.54
27248B	Neogen Veratox for Hazelnut Allergen (8420)	4	11.1
27248B	R-Biopharm Ridascreen Fast Hazelnut (R6802)	17	11.8
27242	ELISA Systems Hazelnut (ESHRD-48)	7	0.84
27242	Neogen Veratox for Hazelnut Allergen (8420)	11	3.9
27242	R-Biopharm Ridascreen Fast Hazelnut (R6802)	24	15.2
27242	Romer Labs AgraQuant Hazelnut (COKAL0348)	11	8
27242	SENSISpec ELISA Hazelnut (HU0030034)	3	6.61
27230A	ELISA Systems Almond (ESARD-48)	7	4.9
27230A	Neogen Veratox for Almond Allergen (8440)	18	22.2
27230A	R-Biopharm Ridascreen Fast Mandel/Almond (R6901)	29	26.3
27230A	Romer Labs AgraQuant Almond (COKAL0748)	10	23.3
27223A	ELISA Systems Hazelnut (ESHRD-48)	10	1.44
27223A	Neogen Veratox for Hazelnut Allergen (8420)	9	15.2
27223A	R-Biopharm Ridascreen Fast Hazelnut (R6802)	19	14.1
27223A	Romer Labs AgraQuant Hazelnut (COKAL0348)	4	11.3
27218	Neogen Veratox for HazelnutAllergen (8420)	10	23.7
27218	R-Biopharm Ridascreen Fast Hazelnut (R6802)	23	40.4
27218	Romer Labs AgraQuant Hazelnut (COKAL0348)	6	25
27218	ELISA Systems Hazelnut (ESHRD-48)	6	3.3

Appendix 2-Table 9. Peanut PT data. PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. No obvious anomalies were identified (either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values).

PT	analyte	n	AV, mg/kg
27325A	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27325A	BioFront MonoTrace Peanut (PA3-EK)	1	not set
27325A	ELISA Systems Peanut (ESPRDS-48)	2	not set
27325A	Morinaga Peanut ELISA Kit (M2104)	0	no data
27325A	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27325A	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27325A	Neogen BioKits Peanut Assay Kit (902048Q)	2	not set
27325A	Neogen Veratox for Peanut Allergen (8430)	6	14.4
27325A	R-Biopharm RIDASCREEN Fast Peanut (R6202)	1	not set
27325A	R-Biopharm RIDASCREEN Peanut (R6811)	9	17.0
27325A	Romer Labs AgraQuant Peanut (COKAL0148)	2	not set
27325A	Romer Labs AgraQuant Plus Casein (COKAL1248F)	0	no data
27325A	SENSISpec ELISA Peanut (HU0030019)	3	not set
27325A	Peanut by other kit/method (please specify)	1	not set
27325A	Peanut Protein by other kit/method (please specify)	0	no data
27319	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27319	BioFront MonoTrace Peanut (PA3-EK)	0	no data
27319	ELISA Systems Peanut (ESPRDS-48)	3	not set
27319	Morinaga Peanut ELISA Kit (M2104)	0	no data
27319	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27319	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27319	Neogen BioKits Peanut Assay Kit (902048Q)	1	not set

PT	analyte	n	AV, mg/kg
27319	Neogen Veratox for Peanut Allergen (8430)	8	27.2
27319	R-Biopharm RIDASCREEN Fast Peanut (R6202)	7	21.0
27319	Romer Labs AgraQuant Peanut (COKAL0148)	8	23.8
27319	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	0	no data
27319	SENSISpec ELISA Peanut (HU0030019)	6	27.7
27319	Peanut by other kit/method	5	not set
27319	Peanut Protein by other kit/method	1	not set
27319	R-Biopharm RIDASCREEN Peanut (R6811)	15	25.8
27315B	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27315B	BioFront MonoTrace Peanut (PA3-EK)	2	not set
27315B	ELISA Systems Peanut (ESPRDS-48)	1	not set
27315B	Morinaga Peanut ELISA Kit (M2104)	0	no data
27315B	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27315B	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27315B	Neogen BioKits Peanut Assay Kit (902048Q)	3	not set
27315B	Neogen Veratox for Peanut Allergen (8430)	6	18.3
27315B	R-Biopharm RIDASCREEN Fast Peanut (R6202)	4	20.2
27315B	Romer Labs AgraQuant Peanut (COKAL0148)	2	not set
27315B	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	2	not set
27315B	SENSISpec ELISA Peanut (HU0030019)	1	not set
27315B	Peanut by other kit/method	5	not set
27315B	Peanut Protein by other kit/method	2	not set
27315B	R-Biopharm RIDASCREEN Peanut (R6811)	16	20.9
27297A	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27297A	BioFront MonoTrace Peanut (PA3-EK)	0	no data
27297A	ELISA Systems Peanut (ESPRDS-48)	2	not set
27297A	Morinaga Peanut ELISA Kit (M2104)	0	no data
27297A	Morinaga Peanut ELISA Kit II (M2116)	0	no data

PT	analyte	n	AV, mg/kg
27297A	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27297A	Neogen BioKits Peanut Assay Kit (902048Q)	2	not set
27297A	Neogen Veratox for Peanut Allergen (8430)	5	93.0
27297A	R-Biopharm RIDASCREEN Fast Peanut (R6202)	11	97.0
27297A	Romer Labs AgraQuant Peanut (COKAL0148)	4	103
27297A	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	0	no data
27297A	SENSISpec ELISA Peanut (HU0030019)	3	114
27297A	Peanut by other kit/method	7	not set
27297A	Peanut Protein by other kit/method	1	not set
27291	Bio-Check (UK) Peanut-Check (R6021/R6020)	3	not set
27291	BioFront MonoTrace Peanut (PA3-EK)	0	no data
27291	ELISA Systems Peanut (ESPRDS-48)	2	not set
27291	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27291	Neogen BioKits Peanut Assay Kit (902048Q)	1	not set
27291	Neogen Veratox for Peanut Allergen (8430)	11	29.3
27291	R-Biopharm RIDASCREEN Fast Peanut (R6202)	24	35.9
27291	Romer Labs AgraQuant Peanut (COKAL0148)	11	36
27291	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	1	not set
27291	SENSISpec ELISA Peanut (HU0030019)	3	not set
27291	Peanut by other kit/method	4	not set
27287B	Bio-Check (UK) Peanut-Check (R6021/R6020)	2	not set
27287B	BioFront MonoTrace Peanut (PA3-EK)	1	not set
27287B	ELISA Systems Peanut (ESPRDS-48)	1	not set
27287B	Morinaga Peanut ELISA Kit (M2104)	0	no data
27287B	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27287B	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27287B	Neogen BioKits Peanut Assay Kit (902048Q)	4	not set

PT	analyte	n	AV, mg/kg
27287B	Neogen Veratox for Peanut Allergen (8430)	6	88.3
27287B	R-Biopharm RIDASCREEN Fast Peanut (R6202)	26	84.0
27287B	Romer Labs AgraQuant Peanut (COKAL0148)	3	not set
27287B	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	4	not set
27287B	SENSISpec ELISA Peanut (HU0030019)	1	not set
27287B	Peanut by other kit/method	1	not set
27287B	Peanut Protein by other kit/method	1	not set
27270B	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27270B	BioFront MonoTrace Peanut (PA3-EK)	0	no data
27270B	ELISA Systems Peanut (ESPRDS-48)	1	not set
27270B	Morinaga Peanut ELISA Kit (M2104)	0	no data
27270B	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27270B	Morinaga High Sensitive Peanut ELISA Kit II (M2120)	1	not set
27270B	Neogen BioKits Peanut Assay Kit (902048Q)	2	not set
27270B	Neogen Veratox for Peanut Allergen (8430)	6	4.95
27270B	R-Biopharm Ridascreen Fast Peanut (R6202)	14	5.31
27270B	Romer Labs AgraQuant Peanut (COKAL0148)	2	not set
27270B	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	0	no data
27270B	SENSISpec ELISA Peanut (HU0030019)	1	not set
27270B	Peanut by other kit/method (please specify)	1	not set
27270B	Peanut Protein by other kit/method (please specify)	1	not set
27266	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27266	BioFront MonoTrace Peanut (PA3-EK)	3	not set
27266	ELISA Systems Peanut (ESPRDS-48)	4	not set
27266	Morinaga Peanut ELISA Kit (M2104)	0	no data
27266	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27266	Neogen BioKits Peanut Assay Kit (902048Q)	1	not set

PT	analyte	n	AV, mg/kg
27266	Neogen Veratox for Peanut Allergen (8430)	14	19.3
27266	NH Foods Ltd FASTKIT ELISA Ver.III Peanut	0	no data
27266	R-Biopharm Ridascreen Fast Peanut (R6202)	32	24.3
27266	Romer Labs AgraQuant Peanut (COKAL0148)	11	25.1
27266	SENSISpec ELISA Peanut (HU0030019)	0	no data
27266	Peanut by other kit/method (please specify)	8	not set
27266	Peanut Protein by other kit/method (please specify)	1	not set
27263A	Total Allergenic Peanut Protein (Quantitative)	1	not set
27263A	Bio-Check (UK) Peanut-Check (R6021/R6020)	1	not set
27263A	BioFront MonoTrace Peanut (PA3-EK)	1	not set
27263A	ELISA Systems Peanut (ESPRDS-48)	2	not set
27263A	Morinaga Peanut ELISA Kit (M2104)	0	no data
27263A	Morinaga Peanut ELISA Kit II (M2116)	0	no data
27263A	Neogen BioKits Peanut Assay Kit (902048Q)	2	not set
27263A	Neogen Veratox for Peanut Allergen (8430)	4	60.6
27263A	R-Biopharm Ridascreen Fast Peanut (R6202)	18	89.9
27263A	Romer Labs AgraQuant Peanut (COKAL0148)	4	62.9
27263A	Romer Labs AgraQuant Plus Peanut (COKAL0148F)	3	not set
27263A	SENSISpec ELISA Peanut (HU0030019)	2	not set
27263A	Peanut by other kit/method (please specify)	2	not set
27263A	Peanut Protein by other kit/method (please specify)	1	not set
27246B	Neogen Veratox for Peanut Allergen (8430)	7	3.8
27246B	R-Biopharm Ridascreen Fast Peanut (R6202)	12	4.65
27246B	Romer Labs AgraQuant Peanut (COKAL0148)	4	5.18
27242	BioFront MonoTrace Peanut (PA3-EK)	3	5.8
27242	Neogen Veratox for Peanut Allergen (8430)	14	8
27242	R-Biopharm Ridascreen Fast Peanut (R6202)	31	8.33
27242	Romer Labs AgraQuant Peanut (COKAL0148)	14	12.6

PT	analyte	n	AV, mg/kg
27242	SENSISpec ELISA Peanut (HU0030019)	4	9.32
27239A	Neogen Veratox for Peanut Allergen (8430)	5	145
27239A	R-Biopharm Ridascreen Fast Peanut (R6202)	26	147
27221B	Neogen BioKits Peanut Assay Kit (902048Q)	4	7.77
27221B	Neogen Veratox for Peanut Allergen (8430)	9	8.1
27221B	R-Biopharm Ridascreen Fast Peanut (R6202)	17	7.1
27218	Neogen Veratox for Peanut Allergen (8430)	15	33.4
27218	R-Biopharm Ridascreen Fast Peanut (R6202)	22	32.3
27218	Romer Labs AgraQuant Peanut (COKAL0148)	9	32

Appendix 2-Table 10. Other PT data (fish, lupin, mustard, sesame). PT reference A or B refers to which of two test materials in a PT the data correspond to (no A or B means only one test material was issued). n is number of data points (PT results), AV is assigned value. No obvious anomalies were identified (either absolute numbers of different ELISA kits from the same manufacturer or discrepant consensus assigned values).

PT	analyte	n	AV, mg/kg
27283B fish	Romer Labs AgraQuant Fish (COKAL2548)	8	18.7
27283B fish	Fish by other kit/method	11	not set
27318A lupin	BioFront MonoTrace Lupin (LU2-EK)	2	not set
27318A lupin	ELISA Systems Lupin (ESLFP-48)	3	not set
27318A lupin	Neogen Veratox for Lupine (8500)	0	no data
27318A lupin	R-Biopharm RIDASCREEN Fast Lupine (R6102)	12	19.4
27318A lupin	Romer Labs AgraQuant ELISA Lupin (COKAL1548)	2	not set
27318A lupin	SENSISpec ELISA Lupine (HU0030035)	1	not set
27318A lupin	Lupin by other kit/method	3	not set
27290A lupin	BioFront MonoTrace Lupin (LU2-EK)	2	not set
27290A lupin	ELISA Systems Lupin (ESLFP-48)	3	not set
27290A lupin	Neogen Veratox for Lupine (8500)	0	no data
27290A lupin	R-Biopharm RIDASCREEN Fast Lupine (R6102)	11	17.6
27290A lupin	Romer Labs AgraQuant ELISA Lupin (COKAL1548)	2	not set
27290A lupin	SENSISpec ELISA Lupine (HU0030035)	1	not set
27290A lupin	Lupin by other kit/method	3	not set
27265A lupin	BioFront MonoTrace Lupin (LU2-EK)	2	not set
27265A lupin	ELISA Systems Lupin (ESLFP-48)	1	not set
27265A lupin	Neogen Veratox for Lupine (8500)	0	no data
27265A lupin	R-Biopharm Ridascreen Fast Lupine (R6102)	7	18.5
27265A lupin	Romer Labs AgraQuant ELISA Lupin (COKAL1548)	0	no data

PT	analyte	n	AV, mg/kg
27265A lupin	SENSISpec ELISA Lupine (HU0030035)	1	not set
27265A lupin	Lupin by Other Kit/Method	2	not set
27241B lupin	BioFront MonoTrace Lupin (LU2-EK)	7	30.0
27241B lupin	ELISA Systems Lupin (ESLFP-48)	4	19.5
27241B lupin	R-Biopharm Ridascreen Fast Lupine (R6102)	9	16.7
27217A lupin	BioFront: MonoTrace Lupin (LU2-EK)	12	34.6
27217A lupin	ELISA Systems: Lupin (ESLFP-48)	3	27.5
27217A lupin	R-Biopharm: Ridascreen Fast Lupine (R6102)	9	21.1
27328A mustard	BioFront MonoTrace Mustard (MS1-EK)	0	no data
27328A mustard	ELISA Systems Mustard (ESMUS-48)	0	no data
27328A mustard	Neogen Veratox for Mustard (8400)	2	not set
27328A mustard	R-Biopharm RIDASCREEN Fast Senf/Mustard (R6152)	14	not set
27328A mustard	Romer Labs AgraQuant Mustard (COKAL0448)	1	not set
27328A mustard	SENSISpec ELISA Mustard (HU0030040)	1	not set
27328A mustard	Mustard by other kit/method	1	not set
27328B mustard	BioFront MonoTrace Mustard (MS1-EK)	0	no data
27328B mustard	ELISA Systems Mustard (ESMUS-48)	4	not set
27328B mustard	Neogen Veratox for Mustard (8400)	8	39.6
27328B mustard	R-Biopharm RIDASCREEN Fast Senf/Mustard (R6152)	13	49.7
27328B mustard	Romer Labs AgraQuant Mustard (COKAL0448)	3	not set

PT	analyte	n	AV, mg/kg
27328B mustard	SENSISpec ELISA Mustard (HU0030040)	5	24.0
27328B mustard	Mustard by other kit/method	8	not set
27300B mustard	BioFront MonoTrace Mustard (MS1-EK)	0	no data
27300B mustard	ELISA Systems Mustard (ESMUS-48)	1	not set
27300B mustard	Neogen Veratox for Mustard (8400)	8	38.5
27300B mustard	R-Biopharm RIDASCREEN Fast Senf/Mustard (R6152)	15	39.8
27300B mustard	Romer Labs AgraQuant Mustard (COKAL0448)	5	not set
27300B mustard	SENSISpec ELISA Mustard (HU0030040)	5	not set
27300B mustard	Mustard by other kit/method	9	not set
27273A mustard	BioFront MonoTrace Mustard (MS1-EK)	0	no data
27273A mustard	ELISA Systems Mustard (ESMUS-48)	2	not set
27273A mustard	Neogen Veratox for Mustard (8400)	7	52.4
27273A mustard	R-Biopharm RIDASCREEN Fast Senf/Mustard (R6152)	17	62
27273A mustard	Romer Labs AgraQuant Mustard (COKAL2148)	4	22.5
27273A mustard	Mustard by other kit/method (please specify)	5	not set
27273B mustard	BioFront MonoTrace Mustard (MS1-EK)	0	no data

PT	analyte	n	AV, mg/kg
27273B mustard	ELISA Systems Mustard (ESMUS-48)	0	no data
27273B mustard	Neogen Veratox for Mustard (8400)	4	not set
27273B mustard	R-Biopharm RIDASCREEN Fast Senf/Mustard (R6152)	19	not set
27273B mustard	Romer Labs AgraQuant Mustard (COKAL2148)	4	not set
27273B mustard	Mustard by other kit/method (please specify)	2	not set
27317A sesame	BioFront MonoTrace Sesame (SE1-EK)	2	not set
27317A sesame	ELISA Systems Sesame (ESSESE-48)	4	not set
27317A sesame	Morinaga Sesame ELISA Kit II (M2121)	4	not set
27317A sesame	Neogen Veratox for Sesame (8530)	3	not set
27317A sesame	NH Foods Ltd. FASTKIT ELISA Ver.III Sesame	0	no data
27317A sesame	R-Biopharm RIDASCREEN Fast Sesame (R7202)	22	74.0
27317A sesame	SENSISpec ELISA Sesame (HU0030022)	6	not set
27317A sesame	Sesame by other kit/method	9	not set
27289A sesame	BioFront MonoTrace Sesame (SE1-EK)	2	not set
27289A sesame	ELISA Systems Sesame (ESSESE-48)	7	4.4
27289A sesame	Morinaga Sesame ELISA Kit II (M2121)	0	no data

PT	analyte	n	AV, mg/kg
27289A sesame	Neogen Veratox for Sesame (8530)	2	not set
27289A sesame	NH Foods Ltd. FASTKIT ELISA Ver.III Sesame	0	no data
27289A sesame	R-Biopharm RIDASCREEN Fast Sesame (R7202)	24	36.9
27289A sesame	SENSISpec ELISA Sesame (HU0030022)	5	not set
27289A sesame	Sesame by other kit/method	14	not set
27289B sesame	BioFront MonoTrace Sesame (SE1-EK)	2	not set
27289B sesame	ELISA Systems Sesame (ESSESE-48)	7	5.2
27289B sesame	Morinaga Sesame ELISA Kit II (M2121)	0	no data
27289B sesame	Neogen Veratox for Sesame (8530)	2	not set
27289B sesame	NH Foods Ltd. FASTKIT ELISA Ver.III Sesame	0	no data
27289B sesame	R-Biopharm RIDASCREEN Fast Sesame (R7202)	23	50.0
27289B sesame	SENSISpec ELISA Sesame (HU0030046)	5	not set
27289B sesame	Sesame by other kit/method	14	not set