

Table 1: Results and z-Scores, Paprika Test Material

laboratory number	analyte													
	AFB ₁ assigned value 2.01 µg/kg			AFB ₂ assigned value 0.14 µg/kg <i>for information only</i>			AFG ₁ assigned value 0.73 µg/kg			AFG ₂ no assigned value set		total AF assigned value 2.67 µg/kg		
	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	result µg/kg	recovery %	z-score
001	2.7	75	1.6	0.3	77	5.2	1.1	75	2.3	0.1	72	4.2	75	2.6
002	1.909	100	-0.2	0.124	100	-0.5	0.774	100	0.3	0.012	100	2.819	100	0.3
003	2.1	79	0.2	<1	81		<1	75		NA	81	2.1		-1.0
004	1.1	uncorr	-2.1	0		-4.5	0.4	uncorr	-2.0	0		1.5	uncorr	-2.0
005	1.7	78.7	-0.7	0.10	82.4	-1.3	0.56	84.1	-1.0	<0.08	83.9	2.36		-0.5
006	0.69	70	-3.0	0.04	70	-3.2	0.27	70	-2.9	0.04	70	1.04	70	-2.8
007	1.551	68.7	-1.0	0.098	58.8	-1.3	0.560	66.5	-1.0	0.056	36.7	2.265		-0.7
008	16.01	87	31.6											
009	1.5	112	-1.2	ND	110		0.6	128	-0.8	ND	109	2.1		-1.0
010	2.2	uncorr	0.4	0.2	uncorr	2.0	0.8	uncorr	0.5	<0.1		3.2	uncorr	0.9
011	2.42	78	0.9	0.15	78	0.3	0.81	66	0.5	not detected (<0.1)	67	3.38		1.2
012	2.62	128	1.4	<0.50	93.1		1.10	92.1	2.3	<0.50	82.4	3.72	99.0	1.8
013	1.74	102	-0.6	0.11	100	-1.0	0.62	106	-0.7	0.03	96	2.5		-0.3
014	1.7	109	-0.7	less 0.2	98		0.6	108	-0.8	less 0.2	63	2.3	95	-0.6
015	1.91	79.2	-0.2	0.16	73.2	0.7	0.63	80.9	-0.6	0	47.6	2.73		0.1

uncorr = participant did not state recovery
text in italics indicates results are for information only.

bold = z-score with |z| >2

no z-scores have been issued for AFG₂ see section 4.1
 ND = not detected

Table 1 (continued): Results and z-Scores, Paprika Test Material

laboratory number	analyte													
	AFB ₁ assigned value 2.01 µg/kg			AFB ₂ assigned value 0.14 µg/kg <i>for information only</i>			AFG ₁ assigned value 0.73 µg/kg			AFG ₂ no assigned value set		total AF assigned value 2.67 µg/kg		
	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	result µg/kg	recovery %	z-score
016	1.25	93	-1.7	<0.5	93		0.9	93	1.1	<0.5	93	2.15	93	-0.9
017	1.15	uncorr	-1.9	0.00		-4.5	0.47	uncorr	-1.6	0.00		1.62	uncorr	-1.8
018	1.8	80	-0.5	<0.1	85		0.6	81	-0.8	<0.1	79	2.4	80	-0.5
019	2.0	75	0.0	0.1	72	-1.3	0.4	84	-2.0	<0.1	52	2.5		-0.3
020												2.30	100	-0.6
021	2.05	79	0.1	0.1	78	-1.3	0.8	92	0.5	0.09	69	3.04	79	0.6
022	0.95	uncorr	-2.4	<0.1			<0.1			0.29	uncorr	1.2	uncorr	-2.5
023	2.35	78.8	0.8	0.17	78.0	1.0	0.77	83.6	0.3	0.09	43.2	3.38	78.7	1.2
024	0.302	100	-3.9	0.375	100	7.7	0.075	100	-4.1	0	100	0.752	100	-3.3
025	3.03	uncorr	2.3	0.22	uncorr	2.6	1.79	uncorr	6.6	0.08	uncorr	5.12	uncorr	4.2
026	1.76	uncorr	-0.6	<0.3			0.99	uncorr	1.6	<0.3		<3.35		
027	2.81	103	1.8	0.23	101	3.0	1.12	106	2.5	0.11	89	4.27		2.7
028	2.6	70	1.3											
029	2.55	87.5	1.2	0.07	81.5	-2.3	0.77	82.4	0.3	0.10	50.8	3.51		1.4
030	<2.5			<2.5			<2.5			<2.5		-		

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Table 1 (continued): Results and z-Scores, Paprika Test Material

laboratory number	analyte													
	AFB ₁ assigned value 2.01 µg/kg			AFB ₂ assigned value 0.14 µg/kg <i>for information only</i>			AFG ₁ assigned value 0.73 µg/kg			AFG ₂ no assigned value set		total AF assigned value 2.67 µg/kg		
	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	result µg/kg	recovery %	z-score
031	2.16	uncorr	0.3	0.14	uncorr	0.0	0.93	uncorr	1.3	0.04	uncorr	3.27		1.0
032 [#]	<LoQ	86		<LoQ	86		<LoQ	101		ND	85	2.10		-1.0
033	2.2*	88%	0.4	Not Detected*	91%		0.8*	79%	0.5	Not Detected*	87%	3.0*		0.6
034	1.3	82	-1.6	0.1	88	-1.3	0.6	80	-0.8	0.6	60	2.50		-0.3
035	2.0	65	0.0	0.19	51	1.7	0.8	62	0.5	below LOQ	35	2.99		0.5
036 ^Ω	1.58	75	-1.0	0	75	-4.5	0.52	75	-1.3	0	70	2.1		-1.0
037	1.6	100	-0.9	< 0.3	100		0.7	100	-0.2	< 0.3	100	2.3	100	-0.6
038	1.49	89.7	-1.2	0.14	80.1	0.0	0.72	80.6	0.0	<0.1	83.9	2.35	80.7	-0.5
039	1.056	136.8	-2.2	0.103	126.3	-1.2	0.638	75.9	-0.6	0	41.1	1.796	95.0	-1.5
040	1.40	86.3	-1.4	< 0.2	90.0		< 0.5	86.0		< 0.2	81.0	1.40		-2.2
041	2.59	uncorr	1.3	0.16	uncorr	0.7	0.91	uncorr	1.1	0.07	uncorr	3.73	uncorr	1.8
042	1.8	91	-0.5	<0.1	88		<0.5	83		<0.3	74	1.8		-1.5
043	Not detected			Not detected			Not detected			Not detected		Not detected		

uncorr = participant did not state recovery **bold** = z-score with |z| >2 no z-scores have been issued for AFG₂ see section 4.1
text in italics indicates results are for information only. ND = not detected

Comments submitted by participants - * = Denotes that result is a mean of a duplicate analysis.
= The LoQ Values for B₁, B₂, G₁ and G₂ are 2 µg/kg.
Ω = B2 and G2 are below quantification limit of 0.2ppb.

Table 1 (continued): Results and z-Scores, Paprika Test Material

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	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	z-score	result µg/kg	recovery %	result µg/kg	recovery %	z-score
044	2.13	72.7	0.3	ND	80.5		0.72	83.5	0.0	ND	73.6	2.85	77.7	0.3
045	1.88	73.1	-0.3	0.13	79.7	-0.3	0.63	64.5	-0.6	<0.13	72.3	2.64		0.0
046	less than 3			not determined			not determined			not determined		less than 3		
047	0.08	109.58	-4.4	0.01	-	-4.2	1.70	-	6.1	0.19	-	1.98	-	-1.2
048	1.54	99	-1.1	0.07	99	-2.3	0.39	99	-2.1	0.01	70	2.01		-1.1
049	3.40	86.55	3.1	0.12	87.60	-0.6	2.23	91.65	9.4	0.54	78.95	6.29		6.2
050	1.81	98	-0.5	<0.15	91		0.72	90	0.0	<0.25	90	2.53		-0.2
051	22	70.5	45.2	Not Detected	72.5		42	71.3	257.9	Not Detected	69.8	64	71.02	104.5
052	2.75	uncorr	1.7	0.16	uncorr	0.7	0.91	uncorr	1.1	0		3.82	uncorr	2.0
053	2.34	76	0.7	0.25	80	3.6	0.79	83	0.4	<0.25	54	3.38		1.2
054	15.73	85	31.0	1.97	85	59.7	1.05	85	2.0	0.52	85	19.27		28.3
055	2.08	70	0.2	0.13	70	-0.3	0.79	73.7	0.4	>0.1		3.0	70%	0.6
056	2.2	77	0.4	0.2	80	2.0	0.9	82	1.1	0.1	77	3.4		1.2

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no z-scores have been issued for AFG₂ see section 4.1

Table 2: Assigned Values and Target Standard Deviations

analyte	assigned value, µg/kg				target standard deviation, µg/kg	
	data points <i>n</i>	robust mean \hat{X}	robust standard deviation $\hat{\sigma}$	uncertainty <i>u</i>	derived from	σ_p
AFB ₁	40	2.01	0.588	0.093	Horwitz*	0.442
AFB ₂	24	<i>0.14</i>	<i>0.064</i>	<i>0.013</i>	Horwitz*	<i>0.031</i>
AFG ₁	34	0.73	0.197	0.034	Horwitz*	0.160
total AF	41	2.67	0.774	0.121	Horwitz*	0.587

text in italics indicates results are for information only
 * see page 7 for appropriate form of the Horwitz equation

Table 3: Number and Percentage of Satisfactory z-Scores

analyte	number of satisfactory scores, $ z \leq 2$	total number of scores	satisfactory, %
AFB ₁	40	51	78
AFB ₂	21	34	62
AFG ₁	35	45	78
total AF	40	50	80

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