

Test material M1023B-1 and M1023B-2, turkey muscle

Table 1: results of screening analyses performed on test material M1023B-1 (incurred sample): tetracycline detection.

tetracycline + epitetracycline, assigned value: 154.61 µg/kg (M1023B-1 = M1023A)					
Lab code	Result (µg/kg)	Evaluation	z-score	False positive (µg/kg)	ISO 17025
02	neg	unsatisfactory		-	n
10	pos	satisfactory		-	n
14	pos	satisfactory		-	y
21	pos	satisfactory		-	y
24	pos (222)	satisfactory	2.06	-	y
25	pos	satisfactory		-	y
26	pos (332)	satisfactory	5.41	-	y
30	pos (238.9)	satisfactory	2.57	none	n
36	neg	unsatisfactory		none	n
38	pos	satisfactory		-	y
39	pos	satisfactory		-	y
40	pos	satisfactory		-	y
42	pos	satisfactory		-	y
53	pos	satisfactory		none	y
54	NS			OTC (502)	
56	pos	satisfactory		-	y
62	pos (125.6)	satisfactory	-0.89	-	n

CRITERIA: see page 5, table 3

Labs reporting false pos. results ($n = 17$)	1 (5.88%)
Labs reporting false neg. results ($n = 16$)	2 (12.5%)
Concentration mean ($n = 4$)	229.63 µg/kg
Standard deviation ($n = 4$)	84.55 µg/kg
Coefficient of variation ($n = 4$)	36.82 %

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Table 2: results of screening analyses performed on test material M1023B-2 (blank sample): tetracycline detection.

M1023B-2: blank			
Lab code	Result	Evaluation	False positive (µg/kg)
02	neg	satisfactory	none
10	neg	satisfactory	none
14	neg	satisfactory	none
21	neg	satisfactory	none
24	neg	satisfactory	none
25	neg	satisfactory	none
26	neg	satisfactory	none
30	neg	satisfactory	none
36	neg	satisfactory	none
38	pos	questionable	tetracycline group
39	neg	satisfactory	none
40	neg	satisfactory	none
42	neg	satisfactory	none
53	neg	satisfactory	none
54	pos	questionable	OTC (790)
56	neg	satisfactory	none
62	neg	satisfactory	none

CRITERIA: see page 5, table 3

Labs reporting false pos. results ($n = 17$)

2 (5.88%)

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Table 3: detection capability in screening analyses of tetracycline.

Detection capability – CC β (μ g/kg)				
Lab code	OTC	CTC	DC	TC
02	-	NS	NS	NS
10	400	80	-	-
14			-	
21	40	40	40	40
24	NS	128	NS	128
25			20	
26			50	
30	119.6	122.4	NS	120.5
36	128.7	133.3	143.7	149.9
38	250	30	-	200
39			-	
40	-	-	-	-
42			< 100	
53	126	135	146	130
54	180	190	190	NS
56	< 50	< 25	-	< 50
62			50	