



## Proficiency testing for veterinary laboratories

Distribution Date: 02/04/2019

### Results tabulation for 13733/BA PT0087: Salmonella in animal feed

Culture	19/1270	19/1271	19/1272	19/1273	19/1274
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Enteritidis (approx. 10,000 cfu per vial) + Pseudomonas aeruginosa	Salmonella Enteritidis (approx. 10,000 cfu per vial) + Pseudomonas aeruginosa	Citrobacter youngae+ Pseudomonas aeruginosa	Salmonella Enteritidis (approx. 500 cfu per vial)	Escherichia coli + Pseudomonas aeruginosa
	Group D	Group D	Negative	Group D	Negative
1002	D1/Enteritidis	D1/Enteritidis	Not detected	D1/Enteritidis	Not detected
1127	Group D	Group D	Negative	Group D	Negative
1133	Group D	Group D	Negative	Group D	Negative
1143	Group D	Group D	Negative	Group D	Negative
1278	Detected	Detected	Not Detected	Detected	Not Detected
1340	Nil Return				
1387	D+	D+	-	D+	-
1546	present	present	present	present	absent
1614	POSITIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
1812	Group D	Group D	No Salmonella	Group D	No Salmonella
1896	Positive	Positive	Negative	Positive	Negative
2167	S. Enteritidis	S. Enteritidis	S. Enteritidis	S. Enteritidis	-ve
2396	DETECTED O9	DETECTED O9	Not Detected	DETECTED O9	Not Detected
2564	gr O9	gr O9	-	gr O9	-
2664	DETECTED	DETECTED	NOT DETECTED	DETECTED	NOT DETECTED
2897	Detected	Detected	Not Detected	Detected	Not Detected
3010	Nil Return				
3155	Salmonella spp.	Salmonella spp.	negative	Salmonella spp.	negative

Intended results were determined using Rappaport Broth.

Sample 19/1271 = 19/1270

#### Comments provided by Paula Johnson, Quality Assurance Unit Sutton Bonington

With the exception of two participants, all labs reported the results as expected; those labs recording the sero group or strain were also correct.

Two Labs recorded that they isolated Salmonella from sample 19/1272. Lab 2167 reported S. enteritidis - likely to be a cross contamination issue, whereas Lab 1546 reported the result as present. Here, the possible reasons could be cross contamination or mis-identification of the Citrobacter. Both should investigate their anomaly.

Vetqas comment: Participants in this distribution were from countries including; South Africa, India, UK, Turkey, Portugal, Moldova, Eire, Belgium, Serbia, Greece, Spain, USA and Finland.



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