



## Proficiency testing for veterinary laboratories

Distribution Date: 07/07/2020

### Results tabulation for 14232/BA PT0087: Salmonella in animal feed

Culture	20/1557	20/1558	20/1559	20/1560	20/1561
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Senftenberg (approx. 1000 cfu per vial)	Salmonella Typhimurium (approx. 60,000 cfu per vial) + Pseudomonas aeruginosa	Escherichia coli + Pseudomonas aeruginosa	Salmonella Enteritidis (approx. 1000 cfu per vial)	Citrobacter youngae + Pseudomonas aeruginosa
	Group E	Group B	Negative	Group D	Negative
1002	Nil Return				
1133	E	B	Negative	D	Negative
1143	Group E	Group B	Negative	Group D	Negative
1278	Detected	Detected	Not Detected	Detected	Not Detected
1340	Detected	Not Detected	Not Detected	Detected	Not Detected
1614	POSITIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
2167	S. Senftenberg	S. Typhimurium	S. Typhimurium	S. Enteritidis	-ve
2396	Detected 03,10,	Detected 04	Not Detected	Detected 09	Not Detected
2664	Detected	Detected	Not Detected	Detected	Not Detected
2897	Nil Return				
3010	Nil Return				

Intended results were determined using Rappaport Broth.

#### Comments provided by Michael Elliott, APHA Newcastle

All labs which returned results correctly identified the presence of Salmonella species in positive samples 20/1557, 20/1558 and 20/1560. Those labs who had provided serotyping results also correctly identified the intended serogroup of the Salmonella present. However, there were two exceptions to this; Lab 1340 failed to isolate the Salmonella in sample 20/1558 and Lab 2167 reported that they had recovered S. typhimurium from sample 20/1559. These labs should investigate these anomalous results.

There were nil returns from labs 1002, 2897 and 3010.



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