



Proficiency testing for veterinary laboratories

Distribution Date: 08/01/2019

Results tabulation for 13620/BA PT0087: Salmonella in animal feed

Culture	19/1011	19/1012	19/1013	19/1014	19/1015
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Enteritidis (approx. 60 cfu per vial) + Pseudomonas aeruginosa	Salmonella Typhimurium (approx. 30,000 cfu per vial) + Pseudomonas aeruginosa	Citrobacter youngae + Pseudomonas aeruginosa	Salmonella Typhimurium (approx. 3000 cfu per vial) + Escherichia coli	Salmonella Enteritidis (approx. 60 cfu per vial) + Pseudomonas aeruginosa
	Group D	Group B	Negative	Group B	Group D
1002	Nil Return				
1127	Group D	Group B	Negative	Group B	Group D
1133	Group D	Group B	Negative	Group B	Group D
1143	Group D	Group B	Negative	Group B	Group D
1278	Detected	Not Detected	Not Detected	Detected	Detected
1388	Detected	Detected	Detected	Detected	Detected
1487	D/Enteritidis	B/Typhimurium	Negative	B/Typhimurium	D/Enteritidis
2096	Present	Present	absent	present	present
2132	S. Enteritidis	S. Typhimurium	Not Salmonella	S. Typhimurium	S. Enteritidis
2167	S. Enteritidis	S. Typhimurium	-ve	S. Typhimurium	S. Enteritidis
2396	Detected 09	Detected 04	Detected 06,7	Detected 04	Detected 09
2564	group O9	group O4	-	group O4	group O9
2664	DETECTED	DETECTED	NOT DETECTED	DETECTED	DETECTED
2897	Detected Gp D	Detected Gp B	Not Detected	Detected Gp B	Detected Gp D
3010	Detected	Detected	Not Detected	Detected	Detected

Intended results were determined using Rappaport Broth.

Sample 19/1015 = 19/1011

Comments provided by Paula Johnson, Quality Assurance Unit Sutton Bonington

Samples 19/1011, 19/1012, 19/1014 and 19/1015 contained Salmonella, including low levels at around ~60 cfu per vial for the duplicate samples 19/1011 and 19/1015. With the exception of one laboratory, all participants isolated Salmonella as expected; Laboratory 1278 failed to isolate Salmonella in sample 19/1012.

Where reported the serotypes were correct.

Laboratories 1388 and 2396 reported 'Detected' for sample 19/1013 - this sample did not contain Salmonella. All other participants reported the expected result.

Vetqas comment: Participants in this distribution were from South Africa, India, UK, Turkey, Croatia, Singapore, The Netherlands, Portugal and Moldova.



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