


Results tabulation for 15164/BA PT0087: Salmonella in animal feed
Distribution Date: 04/10/2022

Culture	22/1787	22/1788	22/1789	22/1790	22/1791
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Citrobacter youngae	Salmonella Typhimurium (approx. 1,200 cfu per vial)	Citrobacter youngae + Escherichia coli	Citrobacter youngae	Salmonella Kentucky (approx. 9,000 cfu per vial)
	Negative	Group B	Negative	Negative	Group C
1002	Not detected	Typhimurium	Not detected	Kentucky	Not detected
1081	Not Detected	Group B O=4 H=i	Not Detected	Not Detected	Group C O=8
1127	-ve	+ve Group B	-ve	-ve	+ve Group C2
1133	Negative	Group B	Negative	Negative	Group C
1143	Negative	Group B	Negative	Negative	Group C
1278	Not Detected	Detected	Not Detected	Not Detected	Detected
1340	Nil Return				
2027	Negative	S. Typhimurium	Negative	Negative	S. Kentucky
2118	NOT DETECTED	B	NOT DETECTED	NOT DETECTED	C
2167	Nil Return				
2396	Not Detected	Detected / 04	Not detected	Not detected	Detected /08
2664	Not Detected	Detected	Not Detected	Not Detected	Detected
3010	Nil Return				

Intended results were determined using Rappaport Broth.

Comments provided by Anne Bollard, APHA

In this October 2022 distribution, five samples comprised of 3 negative (22/1787, 22/1789 and 22/1790) and two Salmonella positive samples (22/1788 and 22/1791).

Thirteen labs were registered to participate in this distribution and 10 submitted results. The remaining 3 labs (1340, 2167 and 3010) were Nil Returns.

For those labs who submitted results their testing performance was very good with all results being fully correct for the accurate detection of Salmonella as intended other than Lab 1002 reporting negative sample 22/1790 being Kentucky and 22/1791 as negative, having most likely switched samples or results at some point.

This standard in performance also applied to labs having tested for specific O antigens, serogroup and/or serotype identification in Salmonella positive samples 22/1788 - Typhimurium Group B/O4 and 22/1791 Kentucky Group C/O8, where all labs other than 1002 (due to as commented above) reported correct results.

Lab 2664 noted they only tests for Group B and D in their comments field, however didn't report a serogroup for Typhimurium serogroup B sample 22/1788.



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