


**Results tabulation for 15468/BA PT0087: Salmonella in animal feed**
**Distribution Date: 04/07/2023**

Culture	23/1493	23/1494	23/1495	23/1496	23/1497
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Derby (approx. 2,100 cfu per vial)	Citrobacter youngae + Escherichia coli	Salmonella Typhimurium (approx. 870 cfu per vial)	Citrobacter youngae	Salmonella Senftenberg (approx. 9,000 cfu per vial)
	Group B	Negative	Group B	Negative	Group E
1081	(B) O=4,H=fg	Not Detected	(B) O=4 H=i	Not Detected	(E) Senftenberg
1127	Group-B	Negative	Group-B	Negative	Group-E
1133	Group B	Negative	Group B	Negative	Group E
1143	Group B	Negative	Group B	Negative	Group E
1220	+ve / Group B	-ve	+ve / Group B	-ve	+ve / Group E
1278	Detected	Not detected	Detected		Detected
1349	Salmonella spp	Not Salmonella	Salmonella spp.	Not Salmonella	Salmonella spp.
1387	Pos group B	/	Pos group B	/	Salmonella sp.
2118	B	NOT DETECTED	B	NOT DETECTED	E
2664	Group B	Not Detected	Group B	Not Detected	Detected
3010	Nil Return				

Intended results were determined using Rappaport Broth.

**Comments provided by Anne Bollard, APHA**

Eleven labs are registered to participate in this July distribution of PT0087 Salmonella in Animal Feed. All but one lab reported results with Lab 3010 being a Nil Return.

In this distribution there were three positive (Derby, Typhimurium or Senftenberg) and two negative Salmonella samples.

All but one lab 1278 reported results from each sample. Lab 1278 did not provide a result for Salmonella negative sample 23/1496 meanwhile did report a result for the

other Salmonella negative sample 23/1494.

Lab 2664 noted in the comments about how they serology test routinely for only Group B and D and this tallies with not being able to identify the serogroup E4 O:3,19 of serotype Senftenberg in sample 23/1497. This appeared to be a similar situation for Lab 1387. Meanwhile labs 1278 and 1349 reported positive results consistently as Salmonella detected or spp. which implies this being standard to their internal procedures.

In summary, other than noted above, all participating labs correctly reported the detection of Salmonella and where applicable identification to serogroup/serotype in this exercise.



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