

**Proficiency testing for veterinary laboratories**

<b>Results tabulation for 8208/BA PT0087: Salmonella in animal feed</b>	<b>Distribution Date: 05/04/2011</b>
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<b>Culture</b>	<b>11/1310</b>	<b>11/1311</b>	<b>11/1312</b>	<b>11/1313</b>	<b>11/1314</b>
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Positive Group D	Negative	Negative	Positive Group D	Positive Group B
	S Enteritidis	Sterile	C youngae	S Enteritidis	S Typhimurium
1002	S.Enteritidis	Negative	Negative	S.Enteritidis	S.Typhimurium
1127	S.enteritidis	-ve	-ve	S.enteritidis	S.typhimurium
1133	Group D	No growth	Not Salmonella	Group D	Group B
<b>1143</b>	<b>Group D</b>	<b>Negative</b>	<b>Negative</b>	<b>Group D</b>	<b>Group B</b>
1250	S. Enteritidis	negative	negative	S. Enteritidis	S. Typhimurium
1349	s.enteritidis	no salmonella	no salmonella	s.enteritidis	s.typhimurium
1470	Salmonella spp.	Negative	Negative	Salmonella spp.	Salmonella spp.
1695	Present	Absent	Absent	Present	Present
1854	S. Enteritidis	- ve (sterile)	- ve	S. Enteritidis	S. Typhimurium
2015	group D (09)	negative	positive	group D (09)	group B (04/5)
2132	Group D	No Growth	Negative	Group D	Group B
2167	+ve	+ve	-ve	+ve	+ve
2508	Salmonella spp.	No Growth	Citrobacter	Salmonella spp.	Salmonella spp.
2521	D.group D	Not detected	Not detected	D.group D	D.group B
2680	Enteritidis	-ve	-ve	Enteritidis	Typhimurium

Sample 11/1310 = 11/1313.

**Comments provided by Diane Dawson, Quality Assurance Unit Sutton Bonington**

Samples were sent to 15 laboratories and all returned results.

Sample 11/1310 contained Salmonella Enteritidis, with Pseudomonas aeruginosa and E coli as contaminants.

Sample 11/1311 was a sterile sample.

Sample 11/1312 was a pure culture of Citrobacter youngae.

Sample 11/1313 was a duplicate of 11/1310.

Sample 11/1314 was a pure culture of Salmonella Typhimurium.

There were only 2 incorrect results in terms of false positive or false negative : Lab 2167 reported 11/1311 (sterile) as positive Salmonella indicating cross-contamination from another sample, and Lab 2015 reported 11/1312 (C.youngae) as positive Salmonella. The Citrobacter colonies will appear as non-lactose fermenters on agar like Salmonella but serotyping using specific Salmonella antisera should all have been negative.

The majority of participants reported Salmonella to Group or species level and were fully correct. A good set of results overall.



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