

Food and Environmental Proficiency Testing Unit

Laboratory identification no. (check): <Lab No>
Dispatch date: 10 March 2025
Final date for return of results: 11 April 2025

Contact details:
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0006

Results to be returned on-line through the website: www.phe-ega.org.uk/

You will need your log-in details for this process.

Download the on-line web instructions:
[Information on uploading results - Food and Environmental Proficiency Testing Unit](#)

PLEASE NOTE: Recommended dilutions for testing the samples are provided on this form. Please consider this when entering your on-line results and ensure the results are entered in the correct dilution rows, along with the correct MPN

[Shellfish - Food and Environmental Proficiency Testing Unit](#)

Shellfish Scheme Request/Report Form

Distribution No: SF079	Sample numbers: SF0166
Download the sample instruction sheet. Video on sample processing:	Shellfish instruction sheet Sample processing - Shellfish
Download the safety data sheet:	Safety Data Sheet - LENTICULE
<i>If you cannot examine any of these samples return your results as 'Not examined'</i>	
<i>Analyse sample material for E. coli (in duplicate) and Salmonella spp. (one replicate)</i>	
Please indicate if your laboratory is an 'Official Control Laboratory' for your Country for Shellfish testing Yes/No	

E. coli enumeration

Preparation	It is recommended a minimum of 4 dilutions are prepared for each sample examined
	Analyse each sample in duplicate
Reporting result	Report <i>E. coli</i> as MPN per 100g
	Report tube combination used to determine MPN value from MPN table / calculator (report results from all tubes used) (e.g. 532 or 5320)

* **Note:** For laboratories undertaking official control analysis of *Escherichia coli* in live bivalve molluscs to satisfy the requirements of Regulation (EC) 854/2004 and Regulation (EU) 2015/2285 should follow ISO 7218:2007/Amd 1:2013 which states 'In any circumstance when more than three dilutions are made, it is essential that all measured data values be used. It is not scientifically correct to "select" any combination of values on the premise that these values are more "correct" than other combinations. The results from all possible combinations of positive tubes should be recorded and the MPN calculator (<http://standards.iso.org/iso/7218/>) used to derive MPN values'.

Store LENTICULE® samples at -20°C ± 5°C

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Results:

Salmonella spp. _____ (report as detected or not detected in 25g)

Replicate 1 – *E. coli* enumeration

	Primary broth						Growth of <i>E. coli</i> on chromogenic agar					
	Tube Number						Segment Number					
	1	2	3	4	5	No. Pos	1	2	3	4	5	No. Pos
	Acid production											
1g												
0.1g												
0.01g												
0.001g												

Tube combination used to determine MPN from MPN tables (report all tube combinations used to determine the MPN results) (e.g. 552 or 5520).....

E. coli MPN..... per 100g

Replicate 2 – *E. coli* enumeration

	Primary broth						Growth of <i>E. coli</i> on chromogenic agar					
	Tube Number						Segment Number					
	1	2	3	4	5	No. Pos	1	2	3	4	5	No. Pos
	Acid production											
1g												
0.1g												
0.01g												
0.001g												

Tube combination used to determine MPN from MPN tables (report all tube combinations used to determine the MPN results) (e.g. 552 or 5520)

E. coli MPN..... per 100g

Comments:

Authorised by:

Date reported: