|  |  |  |
| --- | --- | --- |
| **Food and Environmental Proficiency Testing Unit**  Store LENTICULE® samples at -20°C ± 5°C  **Results to be returned on-line through the website:** [[**www.phe-eqa.org.uk**](http://www.phe-eqa.org.uk)**/**](http://www.kpmd.co.uk/hpa/)  **You will need your log-in details for this process.**  **Download the on-line web instructions:** [**https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/738895/FEPTU697.pdf**](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/738895/FEPTU697.pdf)  **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 value and corresponding tube combination.** | | |
| Laboratory identification no. (check): | **<Lab No>** | |
| Dispatch date: | **XX XXXXX 20XX** | |
| Final date for return of results: | **XX XXXX 20XX** | |
| **Contact details:**  The Organisers - FEPTU  Public Health England  61 Colindale Avenue,  London, NW9 5EQ, UK.  Fax: +44 (0) 20 8200 8264  Tel: +44 (0) 20 8327 7119  e-mail: foodeqa@phe.gov.uk |  | |
| **0006** | | |
| |  | | --- | | [www.gov.uk/government/collections/external-quality-assessment-eqa-and-proficiency-testing-pt-for-food-water-and-environmental-microbiology#shellfish-scheme](http://www.gov.uk/government/collections/external-quality-assessment-eqa-and-proficiency-testing-pt-for-food-water-and-environmental-microbiology#shellfish-scheme) | | | |
| **Shellfish Scheme Request/Report Form** | | | |
| **Distribution No: SF0XX** | | **Sample numbers: SF00XX** | |
| Download the sample instruction sheet. A video on sample processing is located further down the webpage: | | [www.gov.uk/government/publications/shellfish-scheme-sample-instruction-sheet](http://www.gov.uk/government/publications/shellfish-scheme-sample-instruction-sheet) | |
| Download the safety data sheet: | | [www.gov.uk/government/publications/safety-data-sheet-for-lenticules](http://www.gov.uk/government/publications/safety-data-sheet-for-lenticules) | |
| *If you cannot examine any of these samples return your results as ‘Not examined’* | | | |
| *Analyse sample material for* E. coli *(in duplicate) and* Salmonella *spp. (one replicate)* | | | |
| 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 *E. coli* as MPN per 100g |
| Report tubecombination 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'. | |

**Food and Environmental Proficiency Testing Unit**

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

**Laboratory identification no. (check): <Lab No>**

**Results**:

*Salmonella* spp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (report as detected or not detected in 25g)

**Replicate 1 – *E. coli* enumeration**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Primary broth** | | | | | | **Growth of *E. coli* on chromogenic agar** | | | | | |
|  | **Tube Number** | | | | | | **Segment Number** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** | **No.** | **1** | **2** | **3** | **4** | **5** | **No.** |
|  | **Acid production** | | | | | **Pos** |  | | | | | **Pos** |
| 1g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.1g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.01g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.001g |  |  |  |  |  |  |  |  |  |  |  |  |

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| --- |
| Tubecombination 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 *E. coli* on chromogenic agar** | | | | | |
|  | **Tube Number** | | | | | | **Segment Number** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** | **No.** | **1** | **2** | **3** | **4** | **5** | **No.** |
|  | **Acid production** | | | | | **Pos** |  | | | | | **Pos** |
| 1g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.1g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.01g |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.001g |  |  |  |  |  |  |  |  |  |  |  |  |

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| --- |
| Tubecombination 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 |

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| Comments: |

Authorised by: Date reported: