



# Food Microbiology

New Proficiency Testing  
Price List 2018 - 19





# Food Microbiology

A sample of food that is contaminated with pathogens or high levels of hygiene indicator organisms presents a potential hazard to peoples' health. There are many reasons why contamination may occur, such as a process failure, deviation from standard practices, cross-contamination or human error. Occasionally, the laboratory result may provide the only indication that something has gone wrong. Our proficiency test samples are real food samples with target organisms for detection or enumeration. Our test materials are designed to simulate real laboratory samples with varying levels of target organisms and background flora, they provide challenging, high quality and innovative proficiency tests. Food matrices include beef, chicken, fish, soft cheese, milk powder, salad, rice, etc.

In addition we have environmental swabs for detection and enumeration. Target organisms include pathogens, indicator micro-organisms and spoilage organisms.

We have a flexible programme of 10 distributions a year, where samples are sent by courier worldwide in a controlled environment with detailed instructions. Results from each proficiency test receive rigorous statistical analysis, ensuring you have clear feedback on your performance. Comprehensive reports give information on microbiological methods used by other participants.

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**DISCOUNT**

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TESTS OR MORE**





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26 TESTS OR MORE



## New Proficiency Tests

### Listeria in Ready Meals and Smoked Fish

Cases of listeriosis are also increasing among the elderly and young to middle aged women, with the rise in ready-to-eat meals and appetite for smoked fish as well as more stringent monitoring systems in EU member states thought to be responsible, recently reported from EFSA. With this in mind, Fapas have developed 3 new food micro proficiency tests to help businesses take confidence in their quality control measures and monitoring.

Product Code	Analytes	Test Material	Start Date	GBP Price
<a href="#">FMOE2-SEA25</a>	Listeria monocytogenes/ Listeria spp. (Emuneration)	Smoked Fish	3 Sep 18	£122.00
<a href="#">FMOD2-PRO40</a>	Listeria monocytogenes/ Listeria spp.	Ready To Eat Meal (RTE)	29 Oct 18	£122.00
<a href="#">FMOD2-SEA28</a>	Listeria monocytogenes, Listeria spp.	Smoked Fish (qualitative)	1 Oct 18	£122.00

### Campylobacter in Chicken (enumeration)

Campylobacter is the most common cause of food poisoning in the UK. About four in five cases of campylobacter food poisoning in the UK come from contaminated poultry, especially chicken. One of the main ways to get and spread campylobacter poisoning is through cross-contamination from raw chicken. You can't see campylobacter, smell it or even taste it on food. Fapas has developed a new quantitative campylobacter proficiency test in chicken to support industry in tackling this issue. It is thought that up to 90% of fresh chicken is contaminated with campylobacter.

Product Code	Analytes	Test Material	Start Date	GBP Price
<a href="#">FMOE17-MRP14</a>	Campylobacter spp.	Chicken	26 Nov 18	£122.00

### E. coli in Cheese

Escherichia coli O157 is considered a worldwide health threat and is the serogroup of Shig Toxin-producing E. coli (STEC) most commonly associated with illnesses and deaths in humans (Scallan et al., 2011). Although many food products have been implicated in foodborne outbreaks, most recent have been related to soft cheese with recent recalls of camembert cheeses and reblochon cheese, contaminated with E. coli making headlines however beef is considered to be the riskiest foods at 55% of all infections. With this mind, Fapas have introduced a new proficiency test for E. coli in cheese to support industry in their testing measures.

Product Code	Analytes	Test Material	Start Date	GBP Price
<a href="#">FMOD11-DRY18</a>	Escherichia coli O157	Soft Cheese	3 Sep 18	£122.00

### E. coli in Beef

Beef is considered to be the riskiest foods at 55% of all infections of E. coli. This has been further highlighted by the recent high profile recalls of raw frozen ground beef produced almost a year ago to illnesses being reported in connection with the recalled hamburger. It's no surprise that E. coli, most especially STEC, is the subject of constant food industry stakeholder scrutiny and research. With this in mind, Fapas have introduced a new proficiency test for E. coli in beef to support industry in their testing measures.

Product Code	Analytes	Test Material	Start Date	GBP Price
<a href="#">FMOE10M-MRP2</a>	Escherichia coli **enumeration by MPN**	Beef	3 Sep 18	£122.00



**BOOK NOW  
for 2019**

**Food Microbiology Schedule  
(Aug 2018 - Mar 2019)**

**Detection**

These are qualitative tests for pathogenic bacteria in a wide range of matrices.

Product Code	Matrix	Analytes	Quantity	Test Dates	GBP Price
FMOD11-MRP2	Beef	Escherichia coli O157:H7 (Detection)	equivalent to 2 x 25g	29 Oct 18	£122.00
FMOD11-VEG61	Salad	Escherichia coli O157:H7 (Detection)	equivalent to 2 x 25g	25 Mar 19	£122.00
FMOD11-VEG71	Sprouting Seeds & Lettuce	Escherichia coli O157:H7 (Detection)	equivalent to 2 x 25g	26 Nov 18	£122.00
FMOD17-MRP14	Chicken	Campylobacter spp. (Detection)	equivalent to 2 x 25g	29 Oct 18	£122.00
FMOD21-SEA11	Fish	Vibrio parahaemolyticus (Detection)	equivalent to 2 x 25g	1 Oct 18 25 Feb 19	£122.00
FMOD2-MRP14	Chicken	Listeria monocytogenes/Listeria spp. (Detection)	equivalent to 2 x 25g	26 Nov 18	£122.00
FMOD7-CON3	Chocolate Powder	Salmonella spp. (Detection)	equivalent to 2 x 25g	1 Oct 18	£122.00
FMOD7-DRY14	Milk Powder	Salmonella spp. (Detection)	equivalent to 2 x 25g	3 Sep 18 25 Mar 19	£122.00
FMOD7-MRP14	Chicken	Salmonella spp. (Detection)	equivalent to 2 x 25g	3 Sep 18 28 Jan 19	£122.00
FMOD7-MRP2	Beef	Salmonella spp. (Detection)	equivalent to 2 x 25g	29 Oct 18	£122.00
FMOD7-SPI11	Ground Pepper	Salmonella spp. (Detection)	equivalent to 2 x 25g	26 Nov 18	£122.00
FMOD7-UNF11	Sponge Swab	Salmonella spp. (Detection)	2 swabs	25 Feb 19	£122.00
FMOD11-DRY18	Soft Cheese	Escherichia coli	equivalent to 2 x 25g	3 Sep 18	£122.00
FMOD2-PRO40	Ready to eat Meal (RTE)	Listeria monocytogenes/ Listeria spp.	equivalent to 2 x 25g	29 Oct 18	£122.00
FMOD2-SEA28	Smoked Fish	Listeria monocytogenes, Listeria spp.	equivalent to 2 x 25g	1 Oct 18	£122.00
FMOE10M-MRP2	Beef	Escherichia coli (enumeration by MPN)	equivalent to 10g	3 Sep 18	£122.00
FMOE17-MRP14	Chicken	Campylobacter spp.	equivalent to 10g	26 Nov 18	£122.00

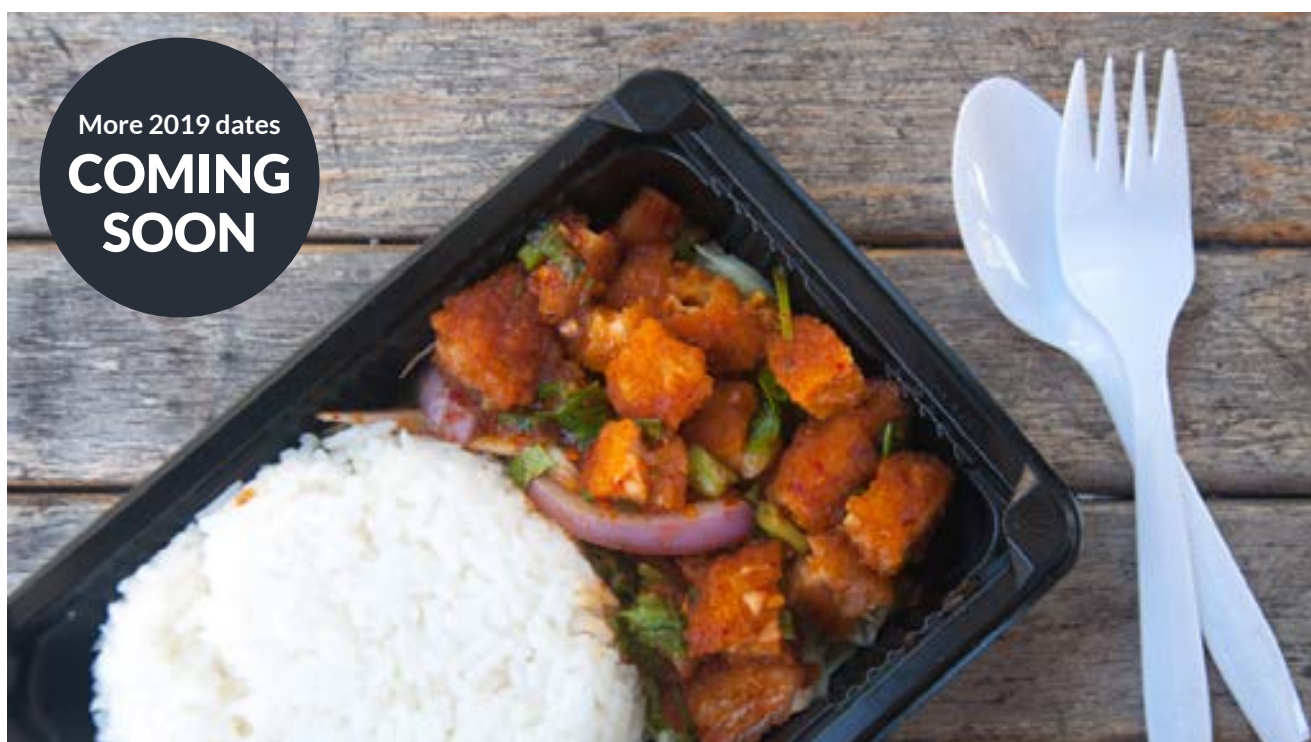
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**NEW**

**NEW**

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**NEW**



More 2019 dates  
**COMING  
SOON**

## Enumeration

These tests will allow enumeration of enumeration of bacteria, yeasts or fungi in a wide range of matrices. The tests are designed primarily to determine whether a substance or preparation complies with an established specification for microbiological quality.

Product Code	Matrix	Analytes	Quantity	Test Dates	GBP Price
FMOE10-DRY14	Milk Powder	Escherichia coli (Enumeration)	equivalent to 10g	29 Oct 18	£122.00
FMOE10-MRP2	Beef	Escherichia coli (Enumeration)	equivalent to 10g	1 Oct 18	£122.00
FMOE12-CCP22	Cooked Rice	Bacillus cereus (Enumeration)	equivalent to 10g	3 Sept 18 28 Jan 19	£122.00
FMOE13-DRY14	Milk Powder	Bacillus cereus & Aerobic Plate Count (Enumeration)	equivalent to 10g	25 Feb 19	£122.00
FMOE13-MRP2	Beef	Bacillus cereus & Aerobic Plate Count (Enumeration)	equivalent to 10g	25 Feb 19	£122.00
FMOE14-DRY14	Milk Powder	Coagulase Positive Staphylococci (Enumeration)	equivalent to 10g	29 Oct 18	£122.00
FMOE14-MRP2	Beef	Coagulase Positive Staphylococci (Enumeration)	equivalent to 10g	28 Jan 19	£122.00
FMOE15-CCP28	Flour	Yeasts & Moulds (Enumeration)	equivalent to 10g	26 Nov 18 25 Feb 19	£122.00
FMOE16-DRN17	Fruit Juice	Yeasts (Enumeration)	equivalent to 10ml	1 Oct 18	£122.00
FMOE18-DRY14	Milk Powder	Coliforms (Enumeration)	equivalent to 10g	3 Sep 18 25 Feb 19	£122.00
FMOE1-MRP2	Beef	Lactic acid bacteria (Enumeration)	equivalent to 10g	1 Oct 18	£122.00
FMOE2-MRP14	Chicken	Listeria monocytogenes (Enumeration)	equivalent to 10g	1 Oct 18 25 Mar 19	£122.00
FMOE2-SEA25	Smoked Fish Product	Listeria monocytogenes (Enumeration)	equivalent to 10g	3 Sep 18	£122.00
FMOE3-VEG61	Salad	Enterobacteriaceae (Enumeration)	equivalent to 10g	3 Sep 18	£122.00
FMOE4-MRP2	Beef	Enterobacteriaceae, Coliforms & Escherichia coli (Enumeration)	equivalent to 10g	26 Nov 18	£122.00
FMOE6-MRP2	Beef	Clostridium perfringens (Enumeration)	equivalent to 10g	29 Oct 18 25 Mar 19	£122.00
FMOE9-DRY14	Milk Powder	Aerobic Plate Count (Enumeration)	equivalent to 10g	3 Sep 18 25 Mar 19	£122.00
FMOE9-MRP14	Chicken	Aerobic Plate Count (Enumeration)	equivalent to 10g	26 Nov 18	£122.00



# Drinking Water Microbiology

These test rounds are solely intended for microbiological analysis of drinking water samples. This can help laboratories to meet requirements of the laboratory standard ISO/IEC 17025. Our water microbiology tests are invaluable to ensure your laboratories are adequately equipped to monitor and respond to emerging water microbiology developments.

Our target organisms include pathogens, indicator micro-organisms and spoilage organisms to give you an ideal overview of your microbiology analysis abilities.

## How it works

We offer a flexible programme of 10 distributions a year to meet your laboratories quality system. Our samples are sent by courier worldwide in a controlled environment with detailed instructions. This ensures uniform testing which results in a highly accurate representation of your laboratories performance. Closing date for registrations is four weeks before the start date of these tests.

The samples supplied are lyophilised vials, which require reconstituting with your laboratory's own sterile deionised water. For each distribution, there are up to 4 samples:

### Sample A:

For the enumeration of Total coliforms and *Escherichia coli*.

### Sample B:

Total Colony Count at 22°C/3 days & Total Colony Count at 37°C/2 days

### Sample C:

For the enumeration of Enterococci, *Pseudomonas aeruginosa* and *Clostridium perfringens*, please note that another *Clostridium*/*Pseudomonas* species may be added to test laboratories' ability to confirm *Clostridium perfringens* / *Pseudomonas aeruginosa*.

### Organism Identification:

This is a lyophilised vial which requires rehydrating. The vial has been inoculated with an organism associated with drinking water, this organism can be gram negative or gram positive. The organism chosen is one which is routinely recovered from water.

### Proficiency Test Timeline

1. Internal test material homogeneity testing
2. Distribution of test materials
3. Participants analyse test materials
4. Participants return results
5. Statistical analysis of data
6. Distribution of confidential report
7. Recommendations for future rounds.



## Drinking Water Microbiology Schedule (Aug 2018 - Mar 2019)

### Water Microbiology Schedule

Test Material	Product Code	Matrix	Analytes	PT	PT Start Date	GBP Price
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0126	11 Sep 18	£79.00
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0127	9 Oct 18	£79.00
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0128	6 Nov 18	£79.00
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0129	4 Dec 18	£79.00
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0130	22 Jan 19	£79.00
Drinking Water	FWMO1-DRW1	Drinking Water	Total coliforms and Escherichia coli	DWM0131	5 Mar 19	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0226	11 Sep 18	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0227	9 Oct 18	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0228	6 Nov 18	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0229	4 Dec 18	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0230	22 Jan 19	£79.00
Drinking Water	FWMO2-DRW1	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	DWM0231	5 Mar 19	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0326	11 Sep 18	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0327	9 Oct 18	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0328	6 Nov 18	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0329	4 Dec 18	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0330	22 Jan 19	£79.00
Drinking Water	FWMO3-DRW1	Drinking Water	Enterococci, Clostridium perfringens, Pseudomonas aeruginosa	DWM0331	5 Mar 19	£79.00
Drinking Water	FWMO4-DRW1	Drinking Water	Organism Identification	DWM0409	11 Sep 18	£79.00
Drinking Water	FWMO4-DRW1	Drinking Water	Organism Identification	DWM0410	6 Nov 18	£79.00
Drinking Water	FWMO4-DRW1	Drinking Water	Organism Identification	DWM0411	5 Mar 19	£79.00



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