



# FOOD AND BEVERAGE MICROBIOLOGY

Proficiency Test List - EUR

Jan 2020 - Mar 2021



Original thinking... applied

## FOOD & BEVERAGE MICROBIOLOGY PROFICIENCY TESTS

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Foods which exceed specifications for total bacterial and fungal load, or which are contaminated with a pathogen, pose a risk to both public health and brand reputation. Modern food processing often involves complicated global supply chains and ample opportunity for foods to be contaminated in their journey to our tables. Even in a carefully controlled environment contamination can occur, and laboratory analysis is a key safety measure to ensure the process and controls are working as they should.

Our Food Microbiology has a flexible programme of 11 distributions a year, with varying levels of target organisms and background flora, providing a more realistic challenge than some proficiency programmes.

### Quantity discounts (for materials purchased in a single order)

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Quantity Purchased	Discount Applied
11 - 25 tests	10%
26 or more	25%

## INDICATOR ORGANISMS

### Beef

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249e03	Beef	Enterobacteriaceae (Enumeration)	FMOE3-MRP2	equivalent to 10 g	27/01/2020	176
M249e14	Beef	Coagulase Positive Staphylococci (Enumeration)	FMOE14-MRP2	equivalent to 10 g	27/01/2020	176
M250e13	Beef	<i>Bacillus cereus</i> & Aerobic Plate Count (Enumeration)	FMOE13-MRP2	equivalent to 10 g	24/02/2020	176
M251e05	Beef	Enterobacteriaceae & Aerobic Plate Count (Enumeration)	FMOE5-MRP2	equivalent to 10 g	30/03/2020	176
M251e06	Beef	<i>Clostridium perfringens</i> (Enumeration)	FMOE6-MRP2	equivalent to 10 g	30/03/2020	176
M252e19	Beef	Enterococci (Enumeration)	FMOE19-MRP2	equivalent to 10 g	27/04/2020	183
M253e10	Beef	<i>Escherichia coli</i> (Enumeration)	FMOE10-MRP2	equivalent to 10 g	01/06/2020	183

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Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M253e15	Beef	Yeasts & Moulds (Enumeration)	FMOE15-MRP2	equivalent to 10 g	01/06/2020	183
M254e14	Beef	Coagulase Positive Staphylococci (Enumeration)	FMOE14-MRP2	equivalent to 10 g	29/06/2020	183
M254e18	Beef	Coliforms (Enumeration)	FMOE18-MRP2	equivalent to 10 g	29/06/2020	183
M256e10	Beef	<i>Escherichia coli</i> (Enumeration by MPN)	FMOE10m-MRP2	equivalent to 10 g	24/08/2020	183
M257e01	Beef	Lactic acid bacteria (Enumeration)	FMOE1-MRP2	equivalent to 10 g	28/09/2020	183
M257e10	Beef	<i>Escherichia coli</i> (Enumeration)	FMOE10-MRP2	equivalent to 10 g	28/09/2020	183
M258e06	Beef	<i>Clostridium perfringens</i> (Enumeration)	FMOE06-MRP2	equivalent to 10 g	26/10/2020	183
M259e04	Beef	Enterobacteriaceae, Coliforms & <i>Escherichia coli</i> (Enumeration)	FMOE4-MRP2	equivalent to 10 g	23/11/2020	183
M260e14	Beef	Coagulase Positive Staphylococci (Enumeration)	FMOE14-MRP2	equivalent to 10 g	25/01/2021	183
M261e13	Beef	<i>Bacillus cereus</i> & Aerobic Plate Count (Enumeration)	FMOE13-MRP2	equivalent to 10 g	22/02/2021	183
M262e05	Beef	Enterobacteriaceae & Aerobic Plate Count (Enumeration)	FMOE5-MRP2	equivalent to 10 g	29/03/2021	183
M262e06	Beef	<i>Clostridium perfringens</i> (Enumeration)	FMOE06-MRP2	equivalent to 10 g	29/03/2021	183

## Chicken

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M259e09	Chicken	Aerobic plate count (Enumeration)	FMOE9-MRP14	equivalent to 10 g	23/11/2020	183

## Cooked Rice

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249e12	Cooked Rice	<i>Bacillus cereus</i> (Enumeration)	FMOE12-CCP22	equivalent to 10 g	27/01/2020	176
M256e12	Cooked Rice	<i>Bacillus cereus</i> (Enumeration)	FMOE12-CCP22	equivalent to 10 g	24/08/2020	183
M260e12	Cooked Rice	<i>Bacillus cereus</i> (Enumeration)	FMOE12-CCP22	equivalent to 10 g	25/01/2021	183

## Flour

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M250e15	Flour	Yeasts & Moulds (Enumeration)	FMOE15-CCP28	equivalent to 10 g	24/02/2020	176
M254e15	Flour	Yeasts & Moulds (Enumeration)	FMOE15-CCP28	equivalent to 10 g	29/06/2020	183
M259e15	Flour	Yeasts & Moulds (Enumeration)	FMOE15-CCP28	equivalent to 10 g	23/11/2020	183
M261e15	Flour	Yeasts & Moulds (Enumeration)	FMOE15-CCP28	equivalent to 10 g	22/02/2021	183

## Fruit Juice

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M250e22	Fruit Juice	<i>Alicyclobacillus</i> spp. (Enumeration)	FMOE20-DRN17	equivalent to 10 ml	24/02/2020	176
M257e15	Fruit Juice	Yeasts (Enumeration)	FMOE16-DRN17	equivalent to 10 ml	28/09/2020	183
M258e23	Fruit Juice	Aerobic Plate Count & Lactic acid bacteria (Enumeration)	FMOE23-DRN17	equivalent to 10 ml	26/10/2020	183
M261e22	Fruit Juice	Thermophilic acidophilic bacteria (TAB) & Guaiacol Producing TAB (Enumeration)	FMOE22-DRN17	equivalent to 10 ml	22/02/2021	183
M262e15	Fruit Juice	Moulds (Enumeration)	FMOE25-DRN17	equivalent to 10 ml	29/03/2021	183

## Infant Formula

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M257e06	Infant Formula	<i>Clostridium</i> spp, <i>Clostridium perfringens</i> & Sulphite Reducing Clostridia (SRC)	FMOE06-INF10	equivalent to 10 g	28/09/2020	183

## Milk Powder

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249e06	Milk Powder	<i>Clostridium perfringens</i> (Enumeration)	FMOE6-DRY14	equivalent to 10 g	27/01/2020	176
M250e18	Milk Powder	Coliforms (Enumeration)	FMOE18-DRY14	equivalent to 10 g	24/02/2020	176
M251e09	Milk Powder	Aerobic Plate Count (Enumeration)	FMOE9-DRY14	equivalent to 10 g	30/03/2020	176
M252e03	Milk Powder	Enterobacteriaceae (Enumeration)	FMOE3-DRY14	equivalent to 10 g	27/04/2020	183

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M252e13	Milk Powder	<i>Bacillus cereus</i> & Aerobic Plate Count (Enumeration)	FMOE13-DRY14	equivalent to 10 g	27/04/2020	183
M252e14	Milk Powder	Coagulase Positive Staphylococci (Enumeration)	FMOE14-DRY14	equivalent to 10 g	27/04/2020	183
M253e06	Milk Powder	<i>Clostridium perfringens</i> (Enumeration)	FMOE06-DRY14	equivalent to 10 g	01/06/2020	183
M256e09	Milk Powder	Aerobic Plate Count (Enumeration)	FMOE9-DRY14	equivalent to 10 g	24/08/2020	183
M256e24	Milk Powder	Aerobic Plate Count, Enterobacteriaceae, Coliforms & <i>Escherichia coli</i>	FMOE24-DRY14	equivalent to 10 g	24/08/2020	183
M258e10	Milk Powder	<i>Escherichia coli</i> (Enumeration)	FMOE10-DRY14	equivalent to 10 g	26/10/2020	183
M258e14	Milk Powder	Coagulase Positive Staphylococci (Enumeration)	FMOE14-DRY14	equivalent to 10 g	26/10/2020	183
M260e06	Milk Powder	<i>Clostridium perfringens</i> (Enumeration)	FMOE06-DRY14	equivalent to 10 g	25/01/2021	183
M261e18	Milk Powder	Coliforms (Enumeration)	FMOE18-DRY14	equivalent to 10 g	22/02/2021	183
M262e09	Milk Powder	Aerobic Plate Count (Enumeration)	FMOE9-DRY14	equivalent to 10 g	29/03/2021	183

## Salad

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M256e03	Salad	Enterobacteriaceae (Enumeration)	FMOE3-VEG61	equivalent to 10 g	24/08/2020	183

## Swab (cotton)

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M255e09	Swab (cotton)	Aerobic Plate Count (Enumeration)	FMOE9-UNF12	1 swab	20/07/2020	183
M261e09	Swab (cotton)	Aerobic Plate Count (Enumeration)	FMOE9-UNF12	1 swab	22/02/2021	183

## PATHOGENS

### Animal Feed

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M253d072	Animal Feed	<i>Salmonella</i> spp. (Detection)	FMOD7-AFE1	equivalent to 2 x 25 g	01/06/2020	183

## Beef

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249d02	Beef	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-MRP2	equivalent to 2 x 25 g	27/01/2020	176
M253d11	Beef	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD2-MRP2	equivalent to 2 x 25 g	01/06/2020	183
M258d071	Beef	<i>Salmonella</i> spp. (Detection)	FMOD7-MRP2	equivalent to 2 x 25 g	26/10/2020	183
M258d11	Beef	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-MRP2	equivalent to 2 x 25 g	26/10/2020	183
M260d02	Beef	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-MRP2	equivalent to 2 x 25 g	25/01/2021	183

## Cheese

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M256d11	Cheese	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-DRY7	equivalent to 2 x 25 g	24/08/2020	183

## Chicken

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249d071	Chicken	<i>Salmonella</i> spp. (Detection)	FMOD7-MRP14	equivalent to 2 x 25 g	27/01/2020	176
M251e02	Chicken	<i>Listeria monocytogenes</i> (Enumeration)	FMOE2-MRP14	equivalent to 10 g	30/03/2020	176
M252d17	Chicken	<i>Campylobacter</i> spp. (Detection)	FMOD17-MRP14	equivalent to 2 x 25 g	27/04/2020	183
M253d02	Chicken	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-MRP14	equivalent to 2 x 25 g	01/06/2020	183
M256d071	Chicken	<i>Salmonella</i> spp. (Detection)	FMOD7-MRP14	equivalent to 2 x 25 g	24/08/2020	183
M257e02	Chicken	<i>Listeria monocytogenes</i> (Enumeration)	FMOE2-MRP14	equivalent to 10 g	28/09/2020	183
M258d17	Chicken	<i>Campylobacter</i> spp. (Detection)	FMOD17-MRP14	equivalent to 2 x 25 g	26/10/2020	183
M259d02	Chicken	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-MRP14	equivalent to 2 x 25 g	23/11/2020	183
M259e17	Chicken	<i>Campylobacter</i> spp. (Enumeration)	FMOE17-MRP14	equivalent to 10 g	23/11/2020	183
M260d071	Chicken	<i>Salmonella</i> spp. (Detection)	FMOD7-MRP14	equivalent to 2 x 25 g	25/01/2021	183
M262e02	Chicken	<i>Listeria monocytogenes</i> (Detection)	FMOE2-MRP14	equivalent to 10 g	29/03/2021	183

## Chocolate

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M249d072	Chocolate	<i>Salmonella</i> spp. (Detection)	FMOD7-CON2	equivalent to 2 x 25 g	27/01/2020	176
M260d072	Chocolate	<i>Salmonella</i> spp. (Detection)	FMOD7-CON2	equivalent to 2 x 25 g	25/01/2021	183

## Chocolate Powder

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M257d07	Chocolate Powder	<i>Salmonella</i> spp. (Detection)	FMOD7-CON3	equivalent to 2 x 25 g	28/09/2020	183

## Dried Egg

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M251d071	Dried Egg	<i>Salmonella</i> spp. (Detection)	FMOD7-EGG3	equivalent to 2 x 25 g	30/03/2020	176
M262d071	Dried Egg	<i>Salmonella</i> spp. (Detection)	FMOD7-EGG3	equivalent to 2 x 25 g	29/03/2021	183

## Dry Cured Meat

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M254d021	Dry Cured Meat	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-MRP47	equivalent to 2 x 25 g	29/06/2020	183

## Fish

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M250d21	Fish	<i>Vibrio parahaemolyticus</i> (Detection)	FMOD21-SEA11	equivalent to 2 x 25 g	24/02/2020	176
M257d21	Fish	<i>Vibrio parahaemolyticus</i> (Detection)	FMOD21-SEA11	equivalent to 2 x 25 g	28/09/2020	183
M261d21	Fish	<i>Vibrio parahaemolyticus</i> (Detection)	FMOD21-SEA11	equivalent to 2 x 25 g	22/02/2021	183

## Flour

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M257d11	Flour	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-CCP28	equivalent to 2 x 25 g	28/09/2020	183

## Ground Pepper

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M259d07	Ground Pepper	<i>Salmonella</i> spp. (Detection)	FMOD7-SPI11	equivalent to 2 x 25 g	23/11/2020	183

## Herbs

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M254d072	Herbs	<i>Salmonella</i> spp. (Detection)	FMOD7-VEG47	equivalent to 2 x 25 g	29/06/2020	183

## Infant Formula

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M250d20	Infant Formula	<i>Cronobacter (Enterobacter) sakazakii</i> (Detection)	FMOD20-INF10	equivalent to 2 x 10 g	24/02/2020	176
M258d072	Infant Formula	<i>Salmonella</i> spp. (Detection)	FMOD7-INF10	equivalent to 2 x 25 g	26/10/2020	183
M261d20	Infant Formula	<i>Cronobacter (Enterobacter) sakazakii</i> (Detection)	FMOD20-INF10	equivalent to 2 x 10 g	22/02/2021	183

## Milk Powder

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M251d02	Milk Powder	<i>Listeria monocytogenes/Listeria</i> spp. (Detection)	FMOD2-DRY14	equivalent to 2 x 25 g	30/03/2020	176
M251d072	Milk Powder	<i>Salmonella</i> spp. (Detection)	FMOD7-DRY14	equivalent to 2 x 25 g	30/03/2020	176
M254d17	Milk Powder	<i>Campylobacter</i> spp. (Detection)	FMOD17-DRY14	equivalent to 2 x 25 g	29/06/2020	183
M256d072	Milk Powder	<i>Salmonella</i> spp. (Detection)	FMOD7-DRY14	equivalent to 2 x 25 g	24/08/2020	183
M262d02	Milk Powder	<i>Listeria monocytogenes/Listeria</i> spp. (Detection)	FMOD2-DRY14	equivalent to 2 x 25 g	29/03/2021	183
M262d072	Milk Powder	<i>Salmonella</i> spp. (Detection)	FMOD7-DRY14	equivalent to 2 x 25 g	29/03/2021	183



## Mixed Vegetables

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M254d022	Mixed Vegetables	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-VEG88	equivalent to 2 x 25 g	29/06/2020	183

## Pork

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M254d071	Pork	<i>Salmonella</i> spp. (Detection)	FMOD7-MRP35	equivalent to 2 x 25 g	29/06/2020	183

## Ready to Eat (RTE) Meal

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M258d02	Ready To Eat (RTE) Meal	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-PRO40	equivalent to 2 x 25 g	26/10/2020	183

## Salad

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M251d11	Salad	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-VEG61	equivalent to 2 x 25 g	30/03/2020	176
M253d071	Salad	<i>Salmonella</i> spp. (Detection)	FMOD7-VEG61	equivalent to 2 x 25 g	01/06/2020	183
M262d11	Salad	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-VEG61	equivalent to 2 x 25 g	29/03/2021	183

## Smoked Fish

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M256e02	Smoked Fish	<i>Listeria monocytogenes</i> (Enumeration)	FMOE2-SEA28	equivalent to 10 g	24/08/2020	183
M257d02	Smoked Fish	<i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection)	FMOD2-SEA28	equivalent to 2 x 25 g	28/09/2020	183

## Soft Cheese

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M252d02	Soft Cheese	<i>Listeria monocytogenes</i> (Detection)	FMOD22-DRY18	equivalent to 2 x 25 g	27/04/2020	183

## Sprouting Seeds & Lettuce

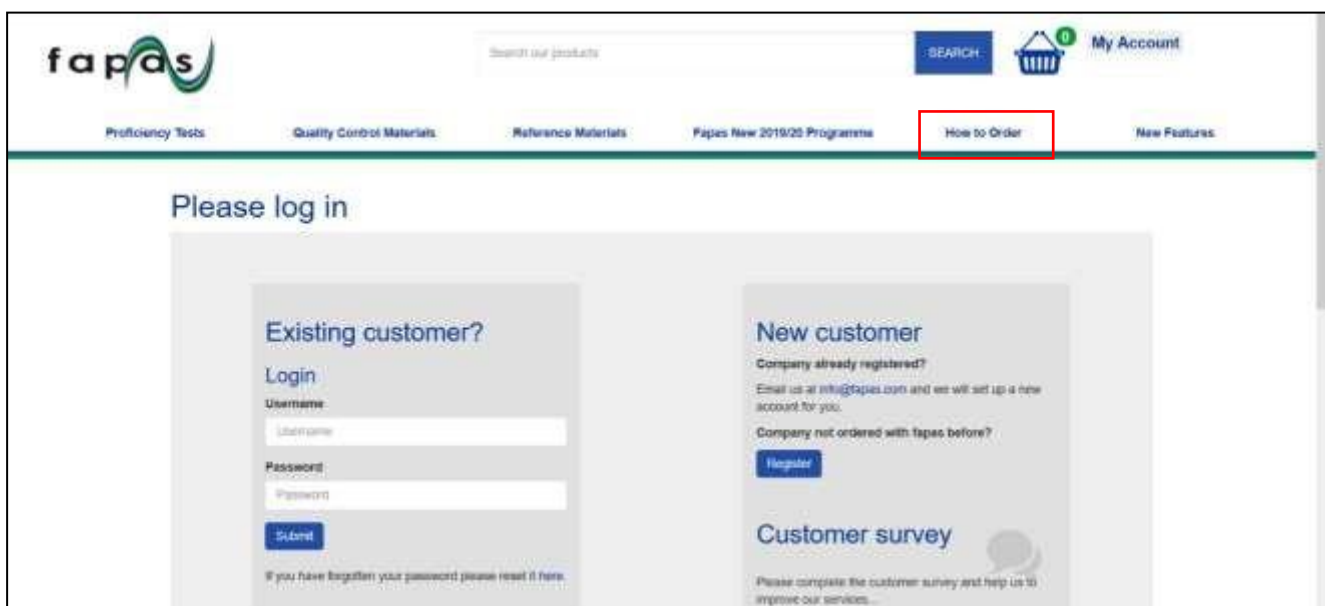
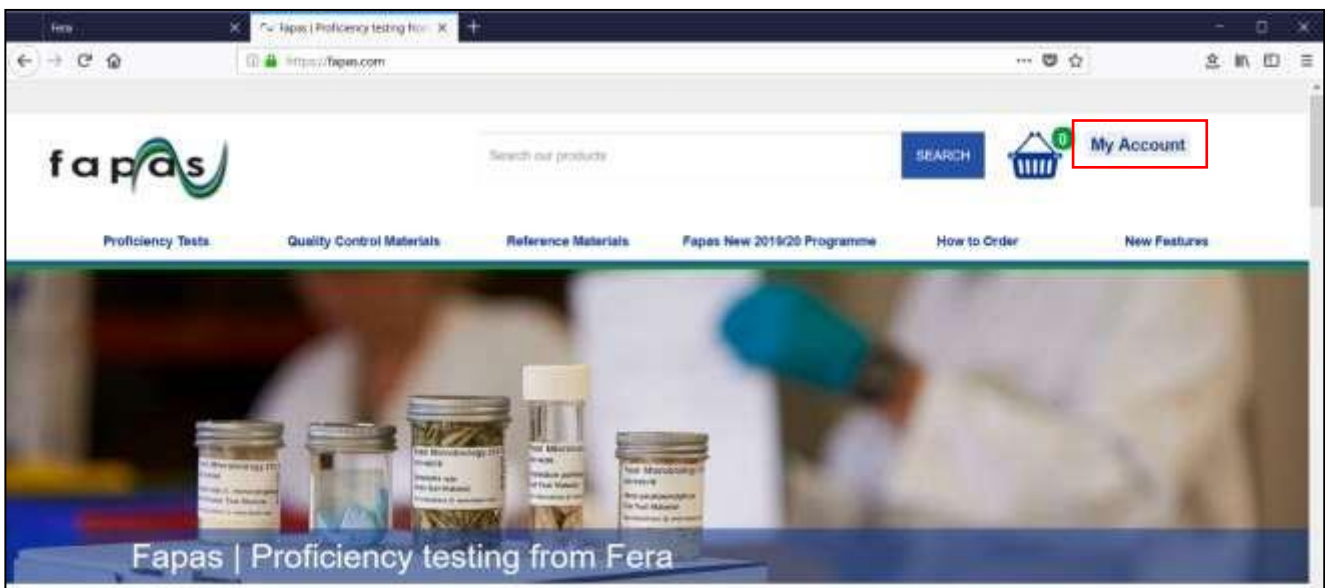
Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M252d07	Sprouting Seeds & Lettuce	<i>Salmonella</i> spp. (Detection)	FMOD7-VEG71	equivalent to 2 x 25 g	27/04/2020	183
M259d11	Sprouting Seeds & Lettuce	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-VEG71	equivalent to 2 x 25 g	23/11/2020	183

## Swab (sponge)

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
M250d02	Swab (sponge)	<i>Listeria monocytogenes/ Listeria</i> spp. (Detection)	FMOD2-UNF11	2 x sponge swab	24/02/2020	176
M250d07	Swab (sponge)	<i>Salmonella</i> spp. (Detection)	FMOD7-UNF11	2 x sponge swab	24/02/2020	176
M255d02	Swab (sponge)	<i>Listeria monocytogenes/ Listeria</i> spp. (Detection)	FMOD2-UNF11	2 x sponge swab	20/07/2020	183
M255d07	Swab (sponge)	<i>Salmonella</i> spp. (Detection)	FMOD7-UNF11	2 x sponge swab	20/07/2020	183
M255d11	Swab (sponge)	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-UNF11	2 x sponge swab	20/07/2020	183
M261d02	Swab (sponge)	<i>Listeria monocytogenes/ Listeria</i> spp. (Detection)	FMOD2-UNF11	2 x sponge swab	22/02/2021	183
M261d07	Swab (sponge)	<i>Salmonella</i> spp. (Detection)	FMOD7-UNF11	2 x sponge swab	22/02/2021	183

## How to order

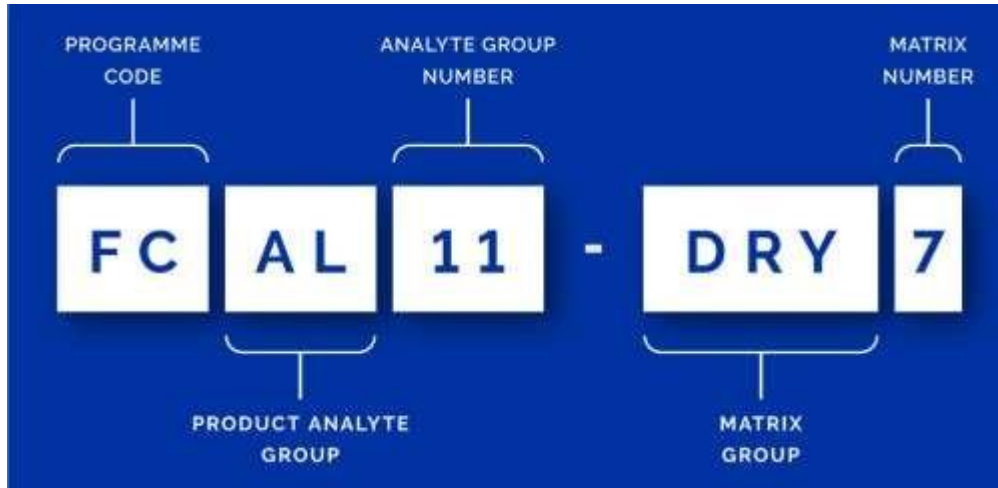
To order with Fapas® you will need an account. If you already have an account, simply go to [www.fapas.com](http://www.fapas.com) and login with your username and password by clicking on 'My Account' (top right of the page). If you have forgotten your password, you can reset it in 'My Account'. If you have not ordered yourself, but your company has ordered from Fapas® previously, simply email us at [info@fapas.com](mailto:info@fapas.com) and we will set up your account for you. If your company has not ordered from us before, click on the 'register' button on the page. For further information please visit [www.fapas.com](http://www.fapas.com) and choose 'How to Order' from the top menu.



## Fapas® Codes Explained

We've made our product codes even simpler!

We've organised our codes by programme, analyte group, and matrix so you can quickly understand your product exactly. As our product offering is so extensive, see the list below of all the programme, analyte, and matrix groups we offer.



### Programme Code

Code	Programme
FC	Food Chemistry
BL	BLANK (Food Chemistry)
FG	Fapas GM
FM	Food Microbiology
FW	Fapas Water

### Analyte Group cont.

Code	Group
QH	Quality: Honey
QO	Quality: Olive Oil
QT	Quality: TVB-N
VD	Vet Drugs

### Analyte Group

Code	Group
OH	Alcohol (OH)
AL	Allergens
AA	Authenticity: Adulteration
AC	Authenticity: Contamination
AS	Authenticity: Speciation
CO	Contamination: Overall migration
CE	Contaminants: Environmental PAH
CP	Contaminants: Processing
CS	Contaminants: Specific migration
CM	Contaminants: Metals
FO	Fat, Fatty acids and Oil
OE	Food micro: Organism Enumeration
OD	Food micro: Organism Detection
GM	Genetically Modified
MA	Mycotoxins: Aflatoxins
ME	Mycotoxins: Ergot Alkaloids
MF	Mycotoxins: Fusarium toxins
MM	Mycotoxins: Multi-Mycotoxins
MO	Mycotoxins: Ochratoxin A
MP	Mycotoxins: Patulin
NC	Nutritional Components: proximates
NE	Nutritional Elements: proximates
NV	Nutritional Vitamins: proximates
PM	Pesticides: Multi Residue Methods
MS	Pesticides: Single Residue Methods

### Matrix Group


Code	Group
AFE	Animal Feed
PFO	Pet Food
DRY	Dairy
EGG	Eggs
INF	Infant Food
DRA	Alcoholic Drinks
DRN	Soft Drinks
DRH	Tea, Coffee, Hot Drinks
FRU	Fruit & Fruit Purees
VEG	Herbs, Salad, & Vegetables
SEA	Fish & Seafood
MRP	Meat (raw and processed)
UNF	Non-Food Media
CCP	Cereals and Cereal Products
FAT	Fat
NUT	Nuts
OIL	Oil (olive and vegetable)
PMM	Packaging materials and migration
CON	Confectionery & Condiments
HON	Honey
SUP	Nutritional Supplements
PRO	Processed products & baked goods
SPI	Spices
TOB	Tobacco
DRW	Drinking Water
EWV	Environmental

**Fapas® has a network of agents to help you locally. Please contact your nearest office:**

<p>Argentina Phone: +5411-4701-6262 b.barloqui@r-biopharmlat.com.ar</p>	<p>Indonesia Phone: +62 811824811 marketing@rnd.co.id</p>	<p>Russia Phone: +7 495 707 28 68 pt@stylab.ru</p>
<p>Armenia Phone: +7 495 707 28 68 pt@stylab.ru</p>	<p>Israel Phone: +972572400503 assafy@eldan.biz</p>	<p>South Africa Phone: +27 11 691 6500 alet@aecam.co.za</p>
<p>Austria Phone: +49 40 49294 2930 fapas@eurofins.de</p>	<p>Italy Phone: + 39 02 89540225 giovanna.lampis@starecotronics.it</p>	<p>Spain Phone: +34 91.504.66.02 info@setelsl.com</p>
<p>Australia Phone: +61 (0)3 9416 0093 info@biosys.com.au</p>	<p>Japan Phone: +81 3 5627 8150 fapas.info@cscjp.co.jp</p>	<p>Switzerland Phone: +49 40 49294 2930 fapas@eurofins.de</p>
<p>Azerbaijan Phone: +7 495 707 28 68 pt@stylab.ru</p>	<p>Kazakhstan Phone: +7 495 707 28 68 pt@stylab.ru</p>	<p>Taiwan Phone: +886228484509 biotic@ms64.hinet.net</p>
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