



# WATER AND ENVIRONMENTAL MICROBIOLOGY

Proficiency Test List - EUR

Jan 2020 - Mar 2021



Original thinking... applied



## WATER & ENVIRONMENTAL MICROBIOLOGY PROFICIENCY TESTS

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Modern water distribution systems in developed countries provide clean water to vast populations, so regular monitoring of water for microbiological safety is highly regulated. A failure in the system could lead to a significant public health risk, if such a widespread and essential commodity were to become contamination with a pathogenic organism.

The Fapas® programme covers all the common indicator organisms for drinking water, as well as *Legionella* spp. in environmental (cooling) waters and common water parasites (Cryptosporidium and Giardia). The programme also covers tests for swimming pool and spa waters and tests for outdoor bathing waters, whether they are swimming lakes or beach bathing.

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

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#### Quantity Purchased

All PTs in the same distribution

#### Distribution Price

305 EUR

337 (from April 2020)

#### Quantity Purchased

Parasitology 6 or more

#### Discount Applied

10%

## INDICATOR ORGANISMS

### Bathing Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
BWM0105	Bathing Water	<i>Escherichia coli</i> & Enterococci	FWM10-RWB1	lyophilised sample	11/03/2020	113
BWM0106	Bathing Water	<i>Escherichia coli</i> & Enterococci	FWM10-RWB1	lyophilised sample	29/04/2020	125
BWM0107	Bathing Water	<i>Escherichia coli</i> & Enterococci	FWM10-RWB1	lyophilised sample	23/09/2020	125

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## Drinking Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
DWM0140	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	22/01/2020	113
DWM0141	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	04/03/2020	113
DWM0142	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	15/04/2020	125
DWM0143	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	13/05/2020	125
DWM0144	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	10/06/2020	125
DWM0145	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	15/07/2020	125
DWM0146	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	09/09/2020	125
DWM0147	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	07/10/2020	125
DWM0148	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	04/11/2020	125
DWM0149	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	02/12/2020	125
DWM0150	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	20/01/2021	125
DWM0151	Drinking Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-DRW1	lyophilised sample	03/03/2021	125
DWM0240	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	22/01/2020	113
DWM0241	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	04/03/2020	113
DWM0242	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	15/04/2020	125
DWM0243	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	13/05/2020	125
DWM0244	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	10/06/2020	125
DWM0245	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	15/07/2020	125
DWM0246	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	09/09/2020	125
DWM0247	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	07/10/2020	125
DWM0248	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	04/11/2020	125
DWM0249	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	02/12/2020	125

Item Code	Matrix	Analytes	Product Code	Approx.	Start Date	Fee
DWM0250	Drinking Water	Colony Counts (22°C/3 days) & Colony Counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	20/01/2021	125
DWM0251	Drinking Water	Colony Counts (22°C/3 days) & Colony counts (37°C/2 day)	FWMO2-DRW1	lyophilised sample	03/03/2021	125
DWM0340	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	22/01/2020	113
DWM0341	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	04/03/2020	113
DWM0342	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	15/04/2020	125
DWM0343	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	13/05/2020	125
DWM0344	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	10/06/2020	125
DWM0345	Drinking Water	Enterococci, <i>Pseudomonas perfringens</i>	FWMO3-DRW1	lyophilised sample	15/07/2020	125
DWM0346	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	09/09/2020	125
DWM0347	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	07/10/2020	125
DWM0348	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	04/11/2020	125
DWM0349	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	02/12/2020	125
DWM0350	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	20/01/2021	125
DWM0351	Drinking Water	Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i>	FWMO3-DRW1	lyophilised sample	03/03/2021	125

## Swimming Pool & Spa Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
SPM0105	Swimming Pool & Spa Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-RWS1	lyophilised sample	12/02/2020	113
SPM0106	Swimming Pool & Spa Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-RWS1	lyophilised sample	01/07/2020	125
SPM0107	Swimming Pool & Spa Water	Total coliforms and <i>Escherichia coli</i>	FWMO1-RWS1	lyophilised sample	18/11/2020	125
SPM0205	Swimming Pool & Spa Water	Total Viable Count (TVC)	FWM08-RWS1	lyophilised sample	12/02/2020	113
SPM0206	Swimming Pool & Spa Water	Total Viable Count (TVC)	FWM08-RWS1	lyophilised sample	01/07/2020	125
SPM0207	Swimming Pool & Spa Water	Total Viable Count (TVC)	FWM08-RWS1	lyophilised sample	18/11/2020	125

Item Code	Matrix	Analytes	Product Code	Approx.	Start Date	Fee
SPM0305	Swimming Pool & Spa Water	<i>Pseudomonas aeruginosa</i> , Coagulase Positive Staphylococci, Total Staphylococci	FWM09-RWS1	lyophilised sample	12/02/2020	113
SPM0306	Swimming Pool & Spa Water	<i>Pseudomonas aeruginosa</i> , Coagulase Positive Staphylococci, Total Staphylococci	FWM09-RWS1	lyophilised sample	01/07/2020	125
SPM0307	Swimming Pool & Spa Water	<i>Pseudomonas aeruginosa</i> , Coagulase Positive Staphylococci, Total Staphylococci	FWM09-RWS1	lyophilised sample	18/11/2020	125

## PARISITOLOGY

### Drinking Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
DWP0123	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	21/01/2020	163
DWP0124	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	03/03/2020	163
DWP0125	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	12/05/2020	175
DWP0126	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	14/07/2020	175
DWP0127	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	08/09/2020	175
DWP0128	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	03/11/2020	175
DWP0129	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	19/01/2021	175
DWP0130	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Count ONLY	FWPA1-DRW1	1 ml	02/03/2021	175
DWP0223	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	21/01/2020	163
DWP0224	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	03/03/2020	163
DWP0225	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	12/05/2020	175
DWP0226	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	14/07/2020	175
DWP0227	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	08/09/2020	175
DWP0228	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	03/11/2020	175
DWP0229	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	19/01/2021	175
DWP0230	Drinking Water	Cryptosporidium oocysts and/or Giardia cysts Recovery	FWPA2-DRW1	1 ml	02/03/2021	175

## PATHOGENS

### Bathing Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
BWM0205	Bathing Water	<i>Salmonella</i> spp. (Detection)	FMOD7-RWB1	lyophilised sample	11/03/2020	113
BWM0206	Bathing Water	<i>Salmonella</i> spp. (Detection)	FMOD7-RWB1	lyophilised sample	29/04/2020	125
BWM0207	Bathing Water	<i>Salmonella</i> spp. (Detection)	FMOD7-RWB1	lyophilised sample	23/09/2020	125
BWM0301	Bathing Water	<i>Campylobacter</i> spp. (Detection)	FMOD17-RWB1	lyophilised sample	11/03/2020	125
BWM0302	Bathing Water	<i>Campylobacter</i> spp. (Detection)	FMOD17-RWB1	lyophilised sample	29/04/2020	125
BWM0303	Bathing Water	<i>Campylobacter</i> spp. (Detection)	FMOD17-RWB1	lyophilised sample	23/09/2020	125
BWM0401	Bathing Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWB1	lyophilised Sample	11/03/2020	125
BWM0402	Bathing Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWB1	lyophilised sample	29/04/2020	125
BWM0403	Bathing Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWB1	lyophilised Sample	23/09/2020	125

### Swimming Pool & Spa Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
SPM0401	Swimming Pool & Spa Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWS1	lyophilised sample	12/02/2020	113
SPM0402	Swimming Pool & Spa Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWS1	lyophilised sample	01/07/2020	125
SPM0403	Swimming Pool & Spa Water	<i>Escherichia coli</i> O157:H7 (Detection)	FMOD11-RWS1	lyophilised sample	18/11/2020	125

### Water

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
LG0109	Water	<i>Legionella</i> spp.	FWM05-WAW1	lyophilised sample	13/05/2020	181
LG0110	Water	<i>Legionella</i> spp.	FWM05-WAW1	lyophilised sample	15/07/2020	181
LG0111	Water	<i>Legionella</i> spp.	FWM05-WAW1	lyophilised sample	07/10/2020	181
LG0112	Water	<i>Legionella</i> spp.	FWM05-WAW1	lyophilised sample	02/12/2020	181

## UNKNOWN ORGANISMS

### Drinking Water

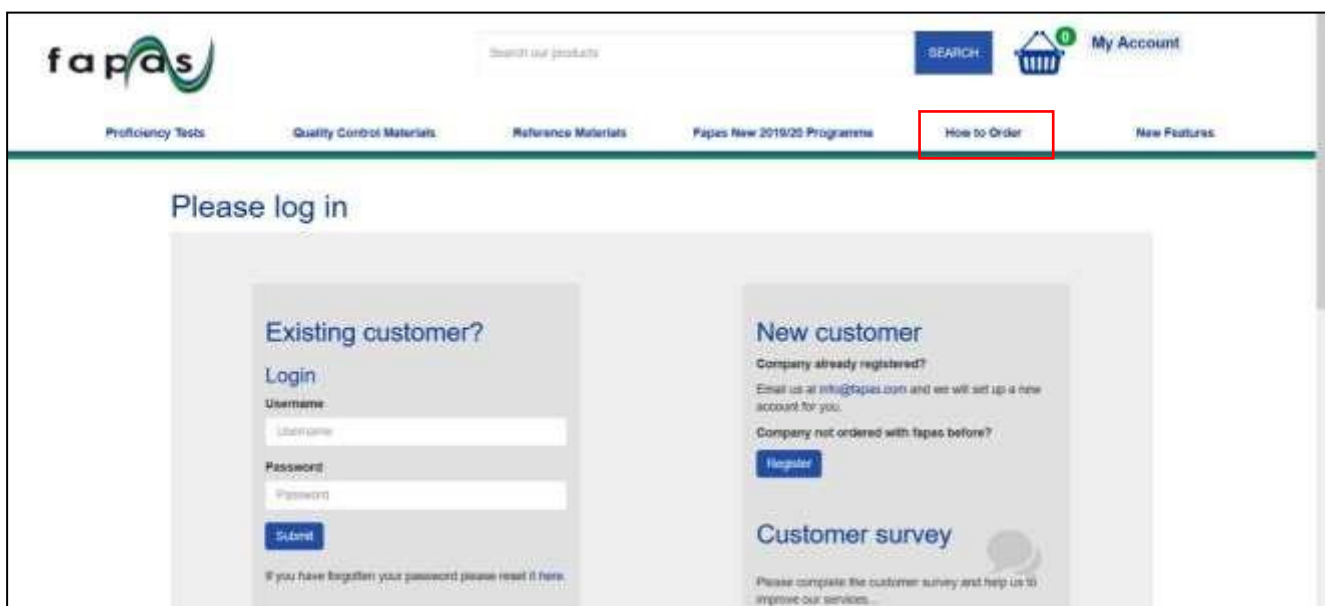
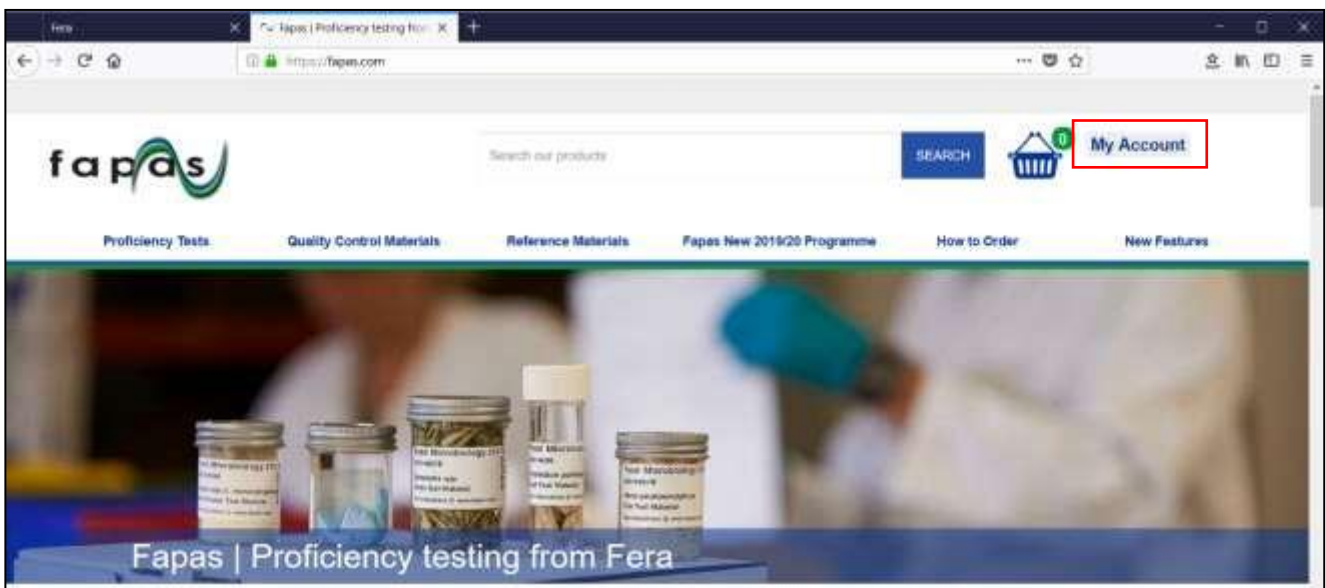
Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date	Fee
DWM0415	Drinking Water	Organism Identification	FWMO4-DRW1	lyophilised sample	04/03/2020	113
DWM0416	Drinking Water	Organism Identification	FWMO4-DRW1	lyophilised sample	13/05/2020	125
DWM0417	Drinking Water	Organism Identification	FWMO4-DRW1	lyophilised sample	09/09/2020	125
DWM0418	Drinking Water	Organism Identification	FWMO4-DRW1	lyophilised sample	04/11/2020	125
DWM0419	Drinking Water	Organism Identification	FWMO4-DRW1	lyophilised sample	03/03/2021	125

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## How to order

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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.

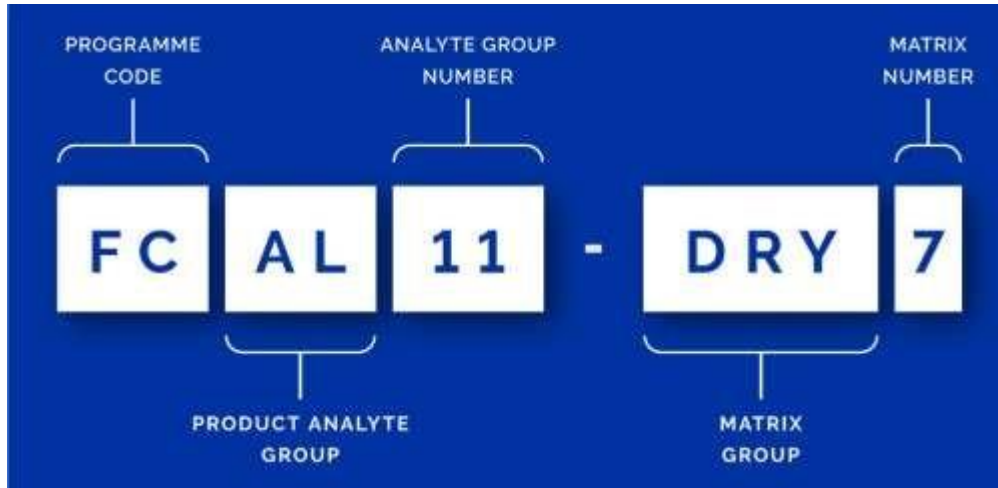




## Fapas® Codes Explained

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:**

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# PROFICIENCY TESTING

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