

Fapas[®]

Genetically Modified Materials

Proficiency Testing
Programme

Jan 2019 – Mar 2020



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Proficiency Testing from **fera**



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HOW TO USE THIS DOCUMENT

This document lists all the genetically modified materials proficiency tests (PTs) we have planned for the period January 2019 to March 2020 inclusive. It is provided as an off-line companion to our on-line ordering system on our website at fapas.com/shop. Our website will always be the most up to date source of information and thus the **data on the website is definitive**.

Our GM PTs are grouped into broad categories, by GM event(s) and matrices and then by the date the test materials will be dispatched to customers.

The **dispatch date** shown is the planned date on which the samples will be shipped from Fapas® to participants. An automatic email announcing the dispatch is sent to the contact named that for that test. Participants select this contact during the on-line ordering process.

Each test has a **product code** and an **item code**.

- The product code is an alphanumeric description of the combination of matrix and analyte, it doesn't change from year to year, i.e. searching for the product codes of tests in the previous programme will find the equivalent tests this year.
- The item code is the *unique* reference for the test being dispatched on a given date.

The **fee** shown for each test is solely the cost of participating in that test. It does *not* include any carriage costs because these charges are applied to your complete order. When you place your order on-line you will see the carriage costs that are applicable. For those tests that are, by default, sent by regular post, you have the option of upgrading to courier. For tests where rapid delivery is essential the samples are automatically sent by courier and you cannot change this.

APPENDIX 1 provides some guidance on the process of ordering and taking delivery of a Fapas® PT. **Please note, the information in APPENDIX 1 does *not* constitute our Standard Terms & Conditions for Proficiency Testing Schemes, which are available on our website at fapas.com/terms-conditions.**

APPENDIX 2 gives the contact details of our International Agents. If there is an agent in your country you are advised to benefit from their services (assistance with ordering, invoicing in local currency and advising on potential sample import issues).



GENETICALLY MODIFIED MATERIALS PROFICIENCY TESTING PROGRAMME

Genetically modified crops are now endemic in the agricultural environment, whether or not permitted for production in overseas territories. Legislation allows for low level contamination but that in turns requires monitoring for non-compliance. The most common genetically modified crops are soya and maize. Fapas® provides combinations of the principal soya and maize events in a range of matrices, both as raw flours and as processed products. Many of these proficiency tests are semi-blind, incorporating both qualitative (detection) and quantitative results reporting.

For more general information on Fapas® proficiency testing as a whole, please see information available on our website: www.fapas.com.



Mixed Events in Matrix Combinations (MC)

The proficiency tests in this category include both unprocessed and processed matrices. Unprocessed matrices are where the whole grains have simply been milled into fine flour. Processed matrices are where the raw ingredients have undergone a processing step such as cooking or fortification. Each proficiency test will contain two test materials which will each contain a number of GM maize and/or soya events dependent on the test. The potential GM events present in each test material are given in the tables below.

All Mixed Event tests include the option of reporting p35S and tNOS and could contain any number of the GM events/materials given in the relevant list below.

dispatch date	product code	item code	matrix	analytes	approx. size	fee GBP
03/01/2019	FGM3-CCP53	GeMMC02	mixed flours AND baked product e.g. biscuit	Maize & Soya; p35S & tNOS	2 x 5 g	420
11/10/2019	FGM5-CCP53	GeMMC03	mixed flours AND processed matrix e.g. TVP	Soya; p35S & tNOS	2 x 5 g	428
03/01/2020	FGM3-CCP53	GeMMC04	mixed flours AND baked product e.g. biscuit	Maize & Soya; p35S & tNOS	2 x 5 g	428

Potential GM Events – Maize List

Bt11 maize	MON810 maize	TC1507 maize	MON88017 maize
Bt176 maize	GA21 maize	MON863 maize	other GM event
NK603 maize	MIR604 maize	MON89034 maize	

Potential GM Events – Soya List

Roundup Ready® (40-3-2) soya	MON89788 soya	other GM event
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Mixed Events in Unprocessed Matrices (MU)

The proficiency tests in this category are unprocessed matrices; this means that the whole grains have simply been milled into fine flour. The potential GM events present in each test material can be seen listed in the tables below.

All Mixed Event Unprocessed tests include the option of reporting p35S and tNOS and could contain any number of the GM events/materials given in the relevant list below. The test described as 'contamination' incorporates both identification and quantification of GM events.

dispatch date	product code	item code	matrix	analytes	approx. size	fee GBP
18/01/2019	FGM5-CCP3	GeMMU73	100% soya flour	Soya; p35S & tNOS	5 g	302
15/02/2019	FGM3-CCP35	GeMMU74	mixed flours	Maize & Soya; p35S & tNOS	5 g	302
12/04/2019	FGM2-CCP2	GeMMU75	100% maize flour	Maize; p35S & tNOS	5 g	308
17/05/2019	FGM5-CCP3	GeMMU76	100% soya flour	Soya; p35S & tNOS	5 g	308
05/07/2019	FGM3-CCP35	GeMMU77	mixed flours	Maize & Soya; p35S & tNOS	5 g	308
16/08/2019	FGM2-CCP2	GeMMU78	100% maize flour	Maize; p35S & tNOS	5 g	308
08/11/2019	FGM1-CCP49	GeMMU79*	wheat flour	Maize contamination, Soya contamination & Rice contamination	3 x 5 g	308
11/12/2019	FGM2-CCP2	GeMMU80	100% maize flour	Maize; p35S & tNOS	5 g	308
17/01/2020	FGM5-CCP3	GeMMU81	100% soya flour	Soya; p35S & tNOS	5 g	308
14/02/2020	FGM3-CCP35	GeMMU82	mixed flours	Maize & Soya; p35S & tNOS	5 g	308

Potential GM Events – Maize List

Bt11 maize	MON810 maize	TC1507 maize	MON88017 maize
Bt176 maize	GA21 maize	MON863 maize	other GM event
NK603 maize	MIR604 maize	MON89034 maize	

Potential GM Events – Soya List

Roundup Ready® (40-3-2) soya	MON89788 soya	other GM event
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Mixed Events in Processed Matrices (MP)

The proficiency tests in this category are processed matrices; this means that the raw ingredients have undergone a processing step such as cooking or fortification. Each test material will contain a number of GM maize and/or soya events dependent on the test. The potential GM events present in each test material can be seen listed in the tables below.

All Mixed Event Processed tests include the option of reporting p35S and tNOS and could contain any number of the GM events given in the relevant list below.

dispatch date	product code	item code	matrix	analytes	approx. size	fee GBP
20/03/2019	FGM3-AFE1	GeMMP34	animal feed	Maize & Soya; p35S & tNOS	5 g	302
14/06/2019	FGM3-PRO1	GeMMP35	baked product e.g. biscuit	Maize & Soya; p35S & tNOS	5 g	308
20/03/2020	FGM3-AFE1	GeMMP36	animal feed	Maize & Soya; p35S & tNOS	5 g	308

Potential GM Events – Maize List

Bt11 maize	MON810 maize	TC1507 maize	MON88017 maize
Bt176 maize	GA21 maize	MON863 maize	other GM event
NK603 maize	MIR604 maize	MON89034 maize	

Potential GM Events – Soya List

Roundup Ready® (40-3-2) soya	MON89788 soya	other GM event
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Single Event in Tobacco Matrix (ST)

This test offers participants a more complex matrix than food and the ability to simply report results for the genetic elements p35S and tNOS (qualitatively and/or quantitatively). Calibration standard materials (100% positive and negative) will also be provided to each participant for quantitative analysis. The matrix is dried, milled tobacco leaf.

dispatch date	product code	item code	matrix	analytes	approx. size	fee GBP
17/05/2019	FGM4-TOB3	GeMST06	tobacco	p35S & tNOS	3 x 5 g AND 2 calib. stds	308



APPENDIX 1: ORDERING INFORMATION – GM

Please note the information in this Appendix does not constitute our Standard Terms & Conditions for Proficiency Testing Schemes, which are available on our website, fapas.com/terms-conditions.

Notes:

- a) Quantity discounts are automatically applied to your order and a breakdown is available on our website, fapas.com/discounts.
- b) Carriage costs will be applied to your order at the point of checkout.
- c) If you cancel an order, then Section 6.3 of our Standard Terms & Conditions for Proficiency Testing Schemes applies:

If the Customer cancels an order after 14 days of placing it and the Proficiency Test is due to take place in 30 days or more, 50% of the Fee shall be paid by the Customer. If a Customer has paid in advance, Fera shall refund 50% of the Fee. If the Customer cancels an order after 14 days and the Proficiency Test is due to take place within the next 30 days, the full Fee shall be paid by the Customer and/or no refund shall be issued.
- d) The dispatch date shown is our planned dispatch date. You will be notified by email if any of the tests you order are delayed or cancelled for any reason.
- e) Registrations for proficiency tests in all the Fapas® Programme's close either 14 or 28 days before the dispatch date of the test, refer to the relevant section above for exact details.
- f) The approximate quantity of test material we will supply is given for each test. If your method needs more material, please indicate the number of extra test materials you require. There is a charge for additional test materials.
- g) The purchase of extra test materials does not entitle you to receive an extra performance assessment in the report. You must place multiple orders for the test if you require this service. You may submit multiple results for a test, nominating one to appear in the assessment report, the others will be available for trending in Fapas® Charts.

Additional notes:

i. Dispatch

- a) *If appropriate* samples are packed in insulated boxes together with ice blocks to prevent them undergoing large temperature fluctuations in transit but are they not transported in refrigerated vehicles. No dry ice will be used in dispatch. Even if these samples do not arrive refrigerated they will still be acceptable for use as they will have been chilled for the majority of their journey.
- b) Please contact us if your postal dispatch has not arrived within 10 working days.
- c) The tracking number of your courier consignment will be sent to the email address given for the sample contact and the delivery contact for that test. The message will indicate how to track the consignment.
- d) Airway Bill Numbers are also available from the participant's secure pages on the Fapas® website.
- e) It is the responsibility of the customer to monitor the progress of their courier dispatch.
- f) Our microbiology packages are shipped as biological substances, category B (UN3373).



ii. Import / Customs

- a) We are not responsible for damage or loss of test materials due to problems in customs or for import fees.
- b) If you require special import permits for importing certain types of test material into your country, please inform us at least 3 weeks prior to dispatch date. There is a charge for this service.
- c) Phytosanitary certificates can be provided for plant-based products where appropriate. There is a charge for this service. Orders for phytosanitary certificates must be placed at least three weeks before the start date of the relevant test.

iii. Results

- a) Details of the results submission date can be viewed in the test instruction letters.
- b) Result submission will only be allowed via the Fapas® website.

iv. Reports

- a) The cost of the test includes access to an electronic copy of the report for the person placing the order and designated sample contact.
- b) Reports are normally available on our website within 25 days of the closing date of the test.
- c) The reports are in PDF format and are secured by a digital signature.
- d) The cost of a copy of the report (PDF format) on a test in which you did *not* participate is £38 GBP.



APPENDIX 2: AGENT INFORMATION

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

<p>Argentina Phone: +5411-4701-6262 E-mail: c.daiutolo@r-biopharmlat.com.ar</p>	<p>Israel Phone: +972572400503 E-mail: assafy@eldan.biz</p>	<p>Spain Phone: +34 91.504.66.02 E-mail: info@setelsl.com</p>
<p>Armenia Phone: +7 495 707 28 68 E-mail: pt@stylab.ru</p>	<p>Italy Phone: + 39 02 89540225 E-mail: giovanna.lampis@starecotronics.it</p>	<p>Switzerland Phone: +49 40 49294 2930 E-mail: fapas@eurofins.de</p>
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<p>Azerbaijan Phone: +7 495 707 28 68 E-mail: pt@stylab.ru</p>	<p>Korea Phone: +81 2529 2282 E-mail: kisan@kisanbio.com</p>	<p>Thailand Phone: +6628817404 E-mail: sales@scientificsupply.co.th</p>
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