

May 11th 2026

Dear participant,

Thank you for joining Progetto Trieste!

Instructions: (see the next pages too)

- Before starting the analysis check the test materials, for any problem contact IMMEDIATELY info@progettotrieste.com; if we do not receive your communications, we consider adequate the PTitems you have received. Comments regarding problems with the PTitems that are submitted through the answer form can not be promptly managed.
- Before the analytical session, store the PTitems at the temperatures indicated in the next pages.
- Storage temperature can be different from shipping temperature.
- Please, read carefully the instructions about the use of lyophilized samples given in the e-mail that we sent you.
- Before any analysis, check the answers form in order to know the parameters that will be required (e.g. list of molecules, unit of measurement ...)
- The answer forms require the results to be submitted with two decimal places. For this reason, we inform you that in the statistical data processing, all the data submitted by the participants will be elaborated considering all not declared decimal places as corresponding to "zero" (E.g. 25=25,00 - 25,3=25,30 - 25,32=25,32).
- Process materials according to your routine analytical methods.
- **"A" analysis:** participants have to use chromatography confirmatory methods (such as HPLC, GC, etc...) and to be able to quantify the analyte.
- **"B" analysis:** participants are allowed to use any kind of screening methods such as ELISA, RIA, biosensor, microbiological assay, lateral flow, etc... Quantification is not required.
- It is possible to submit two different results for each participation (e.g., to verify two technicians or two methods).
- Fill in the **answers form**, available at **www.testveritas.com** in your restricted area. If you have not a password, you should make your subscription through the **Members Login** area at www.testveritas.com.
- Please submit results within **June 15th 2026**.
- In July 2026, the Final Report regarding these test material will be available. We will communicate to you when it will be uploaded.

If you have any problems to fill in the answer form, or for using PTitems, or for reconstitution procedure, please contact us to contact Progetto Trieste Secretariat:

for assistance or commercial enquiries: info@testveritas.com

for questions regarding shipments: mag@testveritas.com

for questions regarding invoices: accounts.dep@testveritas.com

for questions regarding orders: orders@testveritas.com

to find more about Progetto Trieste (FAQ, evaluation criteria...): www.testveritas.com

tel. +39 040 375 5560

fax +39 049 210 649 38

Progetto Trieste Secretariat

test material: MILK		
It is necessary to reconstitute the entire sample. Please, respect the quantities indicated in the instructions.		
1.		Bring the sample to room temperature.
2.		Add directly to the bottle the quantity of double distilled water indicated below.
3.		Mix the sample shaking it gently (hand by hand).
4.		Wait for the absorption of moisture by leaving the sample at +2/+8°C “overnight”.
5.		The day after, before use, heat it in water-bath at +38/+42°C for about 1 hour (or up to the complete dissolution of all the clots), then bring it to room temperature.
6.		Mix the sample shaking it gently (hand by hand).
7.		Analyse the sample using your extraction procedure.

MI6300: lyophilized partially defatted raw bovine milk for analysis of sulphonamides and macrolides. Spiked samples. Store at +2/+8°C.

Materials could be contaminated with one, or more than one, or none of the molecules indicated in the answer form. Are provided two PTitems: please, analyze both of them.

PTitems A: MI6300A-1 = two bottles containing the same material. Each one must be reconstituted with 9.35g of double distilled water. MI6300A-2 = two bottles containing the same material. Each one must be reconstituted with 9.32g of double distilled water.

PTitem B: MI6300B-1 = one bottle, that must be reconstituted with 9.35g of double distilled water. MI6300B-2 = one bottle, that must be reconstituted with 9.32g of double distilled water.

Use the answer form MI6300/S for sulphonamides and MI6300/M for macrolides.

MI6300/S: these are the same samples described for MI6300 (A and B). You purchased them only for sulphonamides analyses. Follow MI6300 instructions.

MI6300/M: these are the same samples described for MI6300 (A and B). You purchased them only for macrolides analyses. Follow MI6300 instructions.

MI6301: lyophilized partially defatted raw bovine milk for analysis of avermectins and beta-lactams. Spiked samples. Store at +2/+8°C.

Materials could be contaminated with one, or more than one, or none of the molecules indicated in the answer form. Are provided two PTitems: please, analyze both of them.

PTitems A: MI6301A-1 = two bottles containing the same material. Each one must be reconstituted with 9.37g of double distilled water. MI6301A-2 = two bottles containing the same material. Each one must be reconstituted with 9.37g of double distilled water.

PTitems B: MI6301B-1 = one bottle, that must be reconstituted with 9.37g of double distilled water. MI6301B-2 = one bottle, that must be reconstituted with 9.37g of double distilled water.

Use the answer form MI6301/I for avermectins and MI6301/L for beta-lactams.

MI6301/I: these are the same samples described for MI6301 (A and B). You purchased them only for avermectins analyses. Follow MI6301 instructions.

MI6301/L: these are the same samples described for MI6301 (A and B). You purchased them only for beta-lactams analyses. Follow MI6301 instructions.

MI6305: lyophilized partially defatted raw bovine milk for analysis of nitroimidazoles. Spiked samples. Store at +2/+8°C.

Material could be contaminated with one, or more than one of the molecules indicated in the answer form.

PTitem A: MI6305A = two bottles containing the same material. Each one must be reconstituted with 9.34g of double distilled water.

PTitem B: MI6305B = one bottle, that must be reconstituted with 9.34g of double distilled water.

test material: MUSCLE		
It is necessary to reconstitute the quantity needed for the analysis. The actual quantity of the reconstituted sample is obtained by adding up the weight of the powder and the weight of the water used for the reconstitution. It is recommended not to change the proportion for the reconstitution.		
1.		Bring the sample to room temperature.
2.		Mix gently with a spatula, then weigh the powder: it is recommended not to reconstitute less than 1g or more than 4,8g of powder at once.
3.		Add the quantity of double distilled water indicated below to each g of weighed powder.
4.		Mix the sample using a vortex for 2 minutes.
5.		Wait for the absorption of moisture by leaving the sample at +2/+8°C “overnight”.
6.		The day after, before use, bring the sample to room temperature.
7.		Mix the sample with a spatula.
8.		Analyse the sample using your extraction procedure.

M6302: lyophilized bovine muscle for analysis of beta-lactams. Spiked sample. Store at -15/-25°C. Material could be contaminated with one or more than one of the molecules indicated in the answer form.
PTitem A: M6302A = one vial containing the powder. 1.00g of powder must be reconstituted with 3.76g of double distilled water.
PTitem B: M6302B = one vial containing the powder. 1.00g of powder must be reconstituted with 3.76g of double distilled water.

PTitem: LIVER		
It is necessary to reconstitute the quantity needed for the analysis. The actual quantity of the reconstituted sample is obtained by adding up the weight of the powder and the weight of the water used for the reconstitution. It is recommended not to change the proportion for the reconstitution.		
1.		Bring the sample to room temperature.
2.		Mix gently with a spatula, then weigh the powder: it is recommended not to reconstitute less than 1g of powder.
3.		Add the quantity of double distilled water indicated below to each g of weighed powder.
4.		Mix the sample using a vortex for 3 minutes.
5.		Wait for the absorption of moisture by leaving the sample at +2/+8°C “overnight”.
6.		The day after, before use, bring the sample to room temperature.
7.		Mix the sample using a vortex for 1 minute. Then mix it with a spatula.
8.		Analyse the sample using your extraction procedure.

L6303: lyophilized bovine liver for analysis of sulphonamides. Spiked sample. Store at -15/-25°C. Material could be contaminated with one or more than one of the molecules indicated in the answer form.
PTitem A: L6303A = one vial containing the powder. 1.00g of powder must be reconstituted with 2.40g of double distilled water.
PTitem B: L6303B = one vial containing the powder. 1.00g of powder must be reconstituted with 2.40g of double distilled water.

test material: EGGS (albumen and yolk)		
It is necessary to reconstitute the quantity needed for the analysis. The actual quantity of the reconstituted sample is obtained by adding up the weight of the powder and the weight of the water used for the reconstitution. It is recommended not to change the proportion for the reconstitution.		
1.		Bring the sample to room temperature.
2.		Mix gently with a spatula, then weigh the powder: it is recommended not to reconstitute less than 1g or more than 2,5g of powder at once.
3.		Add the quantity of double distilled water indicated below to each g of weighed powder.
4.		Mix the sample using a vortex for 15 seconds.
5.		Wait for the absorption of moisture by leaving the sample at +2/+8°C “overnight”.
6.		The day after, before use, bring the sample to room temperature.
7.		Mix the sample shaking it gently (hand by hand).
8.		Analyse the sample using your extraction procedure.

E6307: lyophilized egg for analysis of coccidiostatics. Spiked sample. Store at -15/-25°C.
Material could be contaminated with one or more than one of the molecules indicated in the answer form.
PTitem A: E6307A = one vial containing the powder. 1.00g of powder must be reconstituted with 3.25g of double distilled water.
PTitem B: E6307B = one vial containing the powder. 1.00g of powder must be reconstituted with 3.25g of double distilled water

test material: SERUM		
It is necessary to reconstitute the entire sample. Please, respect the quantities indicated in the instructions.		
1.		Bring the sample to room temperature.
2.		Add directly to the bottle the quantity of double distilled water indicated below.
3.		Mix the sample shaking it gently (hand by hand).
4.		Wait for the absorption of moisture by leaving the sample at +2/+8°C “overnight”.
5.		The day after, before use, bring the sample to room temperature.
6.		Mix the sample shaking it gently (hand by hand).
7.		Analyse the sample using your extraction procedure.

SE6306: lyophilized bovine serum for analysis of nitroimidazoles. Spiked sample. Store at -15/-25°C.
PTitem A: SE6306A = three bottles containing the same material. Each one must be reconstituted with 4.69g of double distilled water.
PTitem B: SE6306B = one bottle, that must be reconstituted with 4.69g of double distilled water.

SE6308: lyophilized bovine serum for analysis of natural hormones. Spiked sample.
Store at -15/-25°C.
PTitem : SE6308 = three bottles containing the same material. Each one must be reconstituted with 4.72g of double distilled water.

Meaning of Test Material code:

Example: MI6300A-1

decomposing the code, from left to right:

MI= matrix (in this case “milk”)

6 = years 2026

300 = sequence number within the programme

A = participation with confirmatory analysis (instead B means screening analysis)

-1 = distinguishes the two different sub-samples which generally constitute the test material (code -1 and -2)

If you have purchased a partial participations, on the package you will see the code:

Example: MI6300/SA o MI6300/SB o MI6300/MA o MI6300/MB

MI6300/SA or SB correspond to a participation for sulphonamides analysis, without macrolides: “A” confirmatory “B” screening.

MI6300/MA or MB correspond to a participation for macrolides analysis, without sulphonamides: “A” confirmatory “B” screening.

HOW TO USE LYOPHILIZED MATERIAL

Some of the Progetto Trieste Test materials are provided as lyophilized materials (which means that their content of water has been removed).

The lyophilization is used in order to make the Test Material less degradable; the lyophilized material is more stable, it is less affected by temperature changes and it lasts more.

We lyophilize our Test Materials **ONLY** in order to make their shipment easier; **BEFORE USING** the Test Materials you **MUST RECONSTITUTE** them, bringing them back as they were originally. To reconstitute them you have to add the right amount of water.

RESUSPEND THE MATERIAL BY USING THE SPECIFIC PROCEDURE PROVIDED BY US.

You can find the specific resuspension procedure for each Test Material in the instructions provided. We also have prepared some videos for supporting the instructions for reconstituting the lyophilized PT test materials. Look the videos at <http://www.testveritas.com/service/chemical-research/#1623915252685-2ee95fa3-3bfa>.

The test material can be used only after his resuspension; the resuspended material will be similar to the matrix you usually use in your analysis.

Only after resuspension you can use the Test Material, considering it as a real sample (such as muscle, urine, egg, milk, tomato and so on). Now you can take the quantity of matrix needed to apply your extraction procedure and to realize your analysis.

At the end of the analysis, **DO NOT USE** conversion factors or corrections due to the quantity of water you previously added, treat your data like when you use real samples (not lyophilized).

DO NOT USE LYOPHILIZED MATERIALS AS POWDER IN YOUR EXTRACTION PROCEDURE, ALWAYS RESUSPEND THEM BEFORE.

DO NOT CHANGE THE RESUSPENSION PROCEDURE AND DO NOT CHANGE THE QUANTITY OF WATER TO ADD: IF YOU DO THAT, YOUR RESULTS WILL BE CONSIDERED AS INVALID.

Test Material – sample for laboratory analysis

Identification of product

Test material for laboratory analysis

Matrix: bread, chips, coffee, cereals, dried fruit, eggs (lyophilized), flour, spices, cocoa, fruits and vegetables (lyophilized or not lyophilized), cheese, honey, juice, wine, legumes, rice, pasta, meat products (lyophilized or not lyophilized), milk (lyophilized), nut fruits, see food (lyophilized or not lyophilized), serum (lyophilized), offal (lyophilized), tomato puree, urine (lyophilized), water.

Relevant identified uses of the substance or mixture and uses advised against

This is not a sale product; this is a sample for laboratory analysis that is to be used within a Proficiency Testing.
Use the sample in according to the supplier's instructions.

Details of the supplier of the data sheet

Test Veritas S.r.l.

Sede legale: Via Svizzera 16, Padova 35127 Italia

tel. +39 049 8256292 fax +39 049 21064938

Sede operativa: c/o Area Science Park, Loc. Padriciano 99, Trieste 34149 Italia

tel. +39 040 3755560

e-mail: info@tetsveritas.com

Emergency telephone number

Not applicable

Hazards identification

Classification of the substance or mixture

The mixture doesn't meet the criteria for classification in accordance with Regulation (CE) n. 1272/2008

Label elements

Not applicable

Other hazards

Not applicable

Composition / information on ingredients:

Not applicable

First aid measures

Not applicable

Firefighting measures

Not applicable

Accidental release measures

Not applicable

Handling and storage

Storage according to the supplier's specifications

Exposure controls / personal protection

No exposure limits applicable

Disposal considerations

Use the material for its intended use and dispose of it in accordance with applicable regulations

Regulatory information

Regulation REACH; Regulation (CE) N. 1272/2008 and subsequent updates through ATP; directives 98/24 / CE - 92/85 / CEE - 94/33 / CE - 2008/98 / CE - 2010/75 / UE; Regulation (UE) 2020/878 of the Commission.

Other information

This information sheet is provided on a voluntary basis because the mixture is not considered hazardous in accordance with Regulation (EC) No. 1272/2008 and the REACH Regulation.

Date 15/03/2024