

Terms of the proficiency test (PT)

DLA ptAI01 (2025) Lactose + Fructose in "lactose-free" Cappuccino Powder with Hydrolyzed Lactose (free galactose) [Samples A + B] and "Spiking Level Sample" [SP]

Test material* :

There are **two different samples A and B** possibly containing the parameters lactose and fructose to be determined. The matrix is **Cappuccino Powder with hydrolyzed lactose** (free galactose). One of these samples and the "spiking level sample" were prepared adding the parameters lactose (low content: < 200 mg/ 100 g) and fructose. The "spiking level sample" contains the parameters in a simple matrix (potato powder) in similar amounts without further processing.

Sample weight: Sample A and B 25 g each, and spiking level sample 25 g.

* **Note:** Control of mixture homogeneity and qualitative testings are carried out by DLA. Any testing of the content, homogeneity and stability of PT parameters is subcontracted by DLA.

Methods + realisation time:

Analytical methods for qualitative and quantitative determinations are optional.

There is a **6 weeks** period for performing the analysis. The results are transmitted online via our customer portal.

Evaluation report:

The **evaluation** is carried out **qualitatively** (positive/negative) and from a total of 5 results on **quantitatively**. It includes kernel density estimation, outlier tests, robust mean, robust standard deviation and z-scores. The assigned value is the robust mean of participants results. For information a **recovery rate** of the "positive" sample and the "spiking level sample" is calculated for the parameter lactose, including z-scores. Results, limits of detection and/or quantification and remarks to the methods will be documented. DLA intends to finish the evaluation report within 6 weeks after deadline of results submission.

Each participant receives an anonymized, complete evaluation report as a PDF-file, identifying the own results by individual code in case payment was done and can object in writing to the evaluation within 6 weeks.

Registration :

The reliable order can be placed via our webshop at my DLA | participant's portal (<https://my.dla-pt.com/>) or by sending the PDF-form available on our website www.dla-lvu.de to DLA or our authorized sales partner.

Registration deadline is **April 2025-04-30**.

Shipment + number of participants:

Required minimum number of participants is 10.

The samples will be sent to participants on **2025-05-07**, by parcel service with tracking (delivery time 2-5 days within Europe, 2-10 days worldwide).

Deadline of result submission:

Last date for submission of results **2025-06-20**.

Invoice + price :

Invoicing will be done by DLA along with the sample shipment or by our authorized partner in parallel to the sample shipment.

The price of the proficiency test is 290,- € per participant plus shipping and possible tax.

Costs for **double sample material** € 90,00.

Please note: there can be a handling charge of approx. € 30,00 for payments from non-EU countries.

Shipping costs: within Germany € 12,50, EU-countries and Europe € 30,00, North America € 60,00 - 80,00, other countries approx. € 80,00 (e.g. South America, Asia), all shipping prices are provisional and subject to change. For cold shipping, additional costs of up to € 20,00 may be charged.

Our General Terms and Conditions GTC apply: www.dla-lvu.de/AGB.html

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