

## Terms of the proficiency test (PT)

### **DLA ptAI01 (2026) Lactose + Fructose in „lactose-free“ (< 100 mg/100g) and „lactose-reduced“ (> 100mg/100g and ≤ 1000mg/100g) Cookies for Children [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 **Cookies for Children**. One of these samples (A or B) and the additional **"spiking level sample"** (SP) were prepared adding the parameters lactose (content: >100 mg/100 g and ≤ 1000 mg/100 g) and fructose, while the third sample (A or B) is lactose-free (< 100 mg/100 g) and contains only small amounts of fructose. The "spiking level sample" contains the parameters in a **simple matrix** (potato powder) in similar amounts without further processing.

**Sample weight:** Sample A, B and SP 25 g each

\* Note: Qualitative tests and testing of the content, homogeneity and stability of PT parameters are carried out by DLA. Additional tests can be 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. Individual participant data will only be shared with third parties with the participant's pri-

or consent or due to legal requirements

When sharing or publishing PT data or evaluations for scientific, educational or promotional purposes, all information will be anonymized to ensure the participant's confidentiality.

#### **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](http://www.dla-lvu.de) to DLA or our authorized sales partner. Registration deadline is **April 2026-04-15**.

#### **Shipment + number of participants:**

Required minimum number of participants is 10.

The samples will be sent to participants on **2026-04-22**, 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 **2026-06-05**.

#### **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 310,- € per participant plus shipping and possible tax. Costs for **double sample material** € 90,00.

Please note: there can be a handling charge of approx. € 35,00 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](http://www.dla-lvu.de/AGB.html)

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