

Terms of the proficiency test (PT)

## **DLA ptAL10 (2024) Allergens X: Gluten in „gluten-free“ Beer (2 different Samples)**

### **Test material\* :**

There are **two different samples A and B** with possible contents of gluten from barley and / or wheat malt (from Pilsener beer or yeast wheat) in the range of mg/kg in the matrix "gluten-free" beer.

**Sample weight:** two samples 50 ml each.

\* **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 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 sent to DLA or our authorized sales partner.

Further information and an online registration form can be found at [www.dla-lvu.de](http://www.dla-lvu.de).

Registration deadline is **November 13<sup>th</sup> 2024**.

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

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 47** 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 **January 03<sup>rd</sup> 2025**.

### **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 280,- € 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 € 20,00 – 30,00, North America € 30,00 - 80,00, other countries approx. € 80,00 (e.g. South America, Asia), all shipping prices are provisional and subject to change.

Our General Terms and Conditions GTC apply: [www.dla-lvu.de/AGB.html](http://www.dla-lvu.de/AGB.html)

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