

Terms of the proficiency test (PT)

## DLA 37/2017 – Caffeine and Theobromine in Chocolate

### Test material\* :

There are **two identical samples** with the parameters **Caffeine** and **Theobromine** to be determined. The **matrix** is **Chocolate**. The fat content is below 10%.

**Sample weight:** 2 Samples 12 g each.

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

### Methods + realisation time:

Analytical methods for quantitative determinations are optional.

There is a 6 weeks period for performing the analysis. The results are transmitted by e-mail via the provided results file.

### Evaluation report:

The **evaluation** is carried out from a total of 7 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. 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. A print-out can be sent on demand.

### 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 **04<sup>th</sup> October 2017**.

### Shipment + number of participants:

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 41** by parcel service with tracking (delivery time 2-3 days within Europe, 2-5 days worldwide).

### Deadline of result submission:

Last date for submission of results **24<sup>th</sup> November 2017**.

### 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 191,-- € per participant plus shipping and possible tax.

Please note: there can be a handling charge for delivery in non-EU countries. Our authorized partner will inform you.

Shipping costs: within Germany € 12,50, EU-countries and Europe € 25,00, outside Europas € 45,00, Australia and Oceania € 65,00.

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