

Terms of the proficiency test (PT)

DLA 55/2019 – Contact Material I: Release of Elements from Food Contact Material (with specified conditions)

Test material* :

The material is a fillable **stainless steel jug** (0.08 liters). Three samples are provided. The specific migration of the elements **Aluminium, Lead, Chromium, Iron, Manganese** and **Nickel** in part with low contents should be determined.

Sample size: 3 samples.

* **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:

The below conditions according to Resolution of the Council of Europe on metals and alloys used in food contact materials (CM/Res(2013)9) should be followed: 1. filling volume, 2. simulant solvent (citric acid 5g/L), 3. time and temperature, 4. results given in mg/L.

The results of the first eluate will be evaluated. If there are enough results of the second and third eluate, the sum of eluates will be evaluated

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.

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.

Registration deadline is **25th September 2019**.

Shipment + number of participants:

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 40** 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 **15th November 2019**.

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 223,-- € 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 € 20,00, outside Europe € 28,00.

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