

Terms of the proficiency test (PT)

DLA 55/2018 – Contact Material I: Nickel Release from Costume Jewelry

Test material* :

There are **two different samples** made of metal (necklace and coin). Three identical items each are provided for the determination of nickel release.

Sample weight: 2 Samples 3 items 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:

The following test conditions given on the basis of the method for **determination of nickel release** (EN 1811-2016) **should be applied:**

1. test solution (EN 1811), 2. time and temperature (30°C, 168h), 3. results given in µg/cm²/week.

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.

Registration deadline is **24th October 2018**.

Shipment + number of participants:

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 44** 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 **14th December 2018**.

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 190,-- € 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 € 25-35, outside Europe € 45-75.

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