

Terms of the proficiency test (PT)

DLA ptSU08 (2024) - Minerals, Trace Elements and Heavy Metals in Turmeric, approx. 20 Elements incl. As, Cd, Hg and Pb (mostly "natural" / partly low levels)

Test material* :

There are **two identical samples** with the parameters **Al, As, Ba, Ca, Cd, Cr, Cu, Fe, Hg, J, K, Mg, Mn, Na, Ni, P, Pb, S, Se and Zn** to be determined. The **matrix is Turmeric (powder)**.

Sample weight: 2 Samples 8 g 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 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 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 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.

Registration deadline is **June 26th 2024**.

Shipment + number of participants:

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 27** 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 **August 30th 2024**.

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 370 € 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

Status / last change: 24/04/2024