

Terms of the proficiency test (PT)

## **DLA ptSU02 (2024) - Food Supplement I: Vitamine A, E, D3, K1, $\beta$ -Carotene, Coenzyme Q10 (Ubiquinone) and Alpha Lipoic Acid (enriched / high levels)**

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

There are **two identical samples** with the parameters **Vitamine A, E, D3, K1,  $\beta$ -Carotene, Coenzyme Q10 (Ubiquinone) and Alpha Lipoic Acid** to be determined. The **matrix is capsule powder (without capsule shell)**. The contents are in the order of the nutrient reference values per recommended daily dose (of 1-3 capsules corresponding to approx. 0.2 - 2 g).

**Sample weight:** 2 Samples 50 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](http://www.dla-lvu.de).

Registration deadline is **March 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 12** 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 **May 03<sup>th</sup> 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](http://www.dla-lvu.de/AGB.html)

*Status / last change:* 31/01/2024