

Terms of the proficiency test (PT)

## **DLA ptSU02 (2020) - Food Supplement I: Vitamins A, E, D3, K1, $\beta$ -Carotene and Coenzyme Q10 (Ubiquinone) and Alpha Liponic Acid (enriched / high levels)**

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

There are **two different samples** with the parameters **Vitamins A, E, D3, K1,  $\beta$ -Carotene and Coenzyme Q10 (Ubiquinone) and Alpha Liponic Acid** to be determined. The matrix is **capsule powder** (without capsule shells). The contents are of the order of the nutrient reference values per recommended daily dose (1-3 capsules approx. 0.2 - 1 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 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 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 **26<sup>th</sup> February 2020**.

### **Shipment + number of participants:**

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 10** 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 **17<sup>th</sup> April 2020**.

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

Costs for **double sample material** € 85,00.

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, North America € 28,00, other countries € 80,00 (e.g. South America, Asia).

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

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