

DLA, Hauptstr. 80, 23845 Oering/Germany

Dear Participant,

Please find enclosed the material for the proficiency test (PT):

DLA ptSU02 (2025) Food Supplement II: Vitamins A, E, D2, K1, β -Carotene, Coenzyme 10 (Ubiquinone) and Alpha Lipoic Acid in Capsule Powder (enriched / high levels)

The two portions contain identical samples of a food supplement with above mentioned parameters in the matrix of **capsule powder (without capsule shell)**. The analysis method is optional. The results of the vitamins should be given as the sum of the equivalents in the form of the vitamin compound indicated in the result submission file.

Note: Please store samples at 2 - 10°C on arrival!

Please note the attached information on the proficiency test.

New: Please enter your final results online in our PT customer portal my DLA | participant's portal. You will receive further information on this by e-mail, in particular about access to the portal.

Last deadline is May 2025-05-09.

After the deadline no results can be accepted.

We are looking forward to any suggestions or questions! We wish you a successful performance of the proficiency test!

Kind regards,

Matthias Besler-Scharf & Alexandra Scharf

On behalf of the DLA-Team

Information on the Proficiency Test (PT)

PT number	DLA ptSU02 (2025)
PT name	Food Supplement II: Vitamins A, E, D2, K1, β-Carotene, Coenzyme Q10 (Ubiquinone) and Alpha Lipoic Acid
Sample matrix*	Samples I + II: Capsule powder (without capsule shells) / Ingredients: vitamins: Retinyl (vitamin A) palmitate powder, DL-alpha tocopheryl (vitamin E) acetate powder, Ergocalciferol (vitamin D2) powder, Vit. K1 Phyllochinon powder, β -Carotene powder, coenzyme Q10 powder, alpha lipoic acid powder and further minerals, vitamins and food additives
Number of samples and sample amount	2 identical samples I + II, 50 g each.
Storage	Samples I + II: cooled 2 - 10°C (dry and dark)
Intentional use	Laboratory use only (quality control samples)
Parameter	quantitative: Vitamins A, E, D2, K1, β-Carotene, Coenzyme Q10 (Ubiquinone) and Alpha Lipoic Acid The contents are in the order of the nutrient reference values per recommended daily dose (of 1-3 capsules corresponding to approx. 0.5 - 6 g).
Methods of analysis	Analytical methods are optional
Notes to analysis	The analysis of PT samples should be performed like a routine laboratory analysis. In general we recommend to homogenize a representative sample amount before analysis according to good laboratory practice, especially in case of low sample weights.
Result table	The results for sample I and II as well as the final results calculated as mean of the double determination (samples I and II) should be filled in the result entry table. The recovery rates, if carried out, have to be included in the calculation.
Units	$\mu\text{g}/100\text{g}$ or $\text{mg}/100\text{g}$
Number of significant digits	at least 2
Further information	For information please specify: <ul style="list-style-type: none"> - Date of analysis - DLA-sample-numbers (for sample I and II) - Limit of detection - Assignment incl. Recovery - Recovery with the same matrix - Method is accredited
Result submission	online via my DLA participant's portal (https://my.dla-pt.com) you will receive further information about the access by e-mail
Last Deadline	the latest <u>May 2025-05-09</u>
Evaluation report	The evaluation report is expected to be completed 6 weeks after deadline of result submission and will be provided as a PDF file in the DLA Participant Portal (https://my.dla-pt.com/).
Coordinator and contact person of PT	Alexandra Scharf PhD

* 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.