

Food Supplements



For several years food supplements increasingly enrich the range of foods in Europe. As part of a balanced and varied diet food supplements may contribute to a balanced supply of important nutrients. For consumers of food supplements their health and well-being is very important. Hence, the majority of them consumes food supplements on a daily basis. A perfect quality of each product is therefore indispensable.

The AGROLAB GROUP supports you in checking all relevant ingredients (e.g. vitamins and minerals) as well as in detecting undesirable substances and residues. We also help you in creating specific risk based sampling plans and check the proper declaration in accordance with the valid regulations. Authenticity of raw materials and ingredients should be checked in case of vulnerable procurement channels. In addition to a detailed analysis report, we may also provide you with a readily understandable certificate of analysis for your clients.

ANALYSIS OF INGREDIENTS

Vitamin and mineral products are among the most widely consumed food supplements.

Vitamins C, E, B12, B6 and folic acid belong to the top 5 in food supplements and are analysed according to state-of-the-art methods in our competence center AGROLAB LUFA GmbH, Germany. Of course, our portfolio also includes other fat- and water-soluble vitamins, provitamins and vitaminoids.

We examine **minerals** such as magnesium, potassium, calcium, zinc and also **trace elements** such as selenium and iodine using most modern ICP-MS methods. Furthermore, we analyse further essential ingredients such as **caffeine**, **cumarin**, **fatty acids** (including **omega fatty acids**) and the **amino acid spectrum**.

ANALYSIS OF UNDESIRABLE SUBSTANCES AND RESIDUES

Possible contamination and undesired residues can be as diverse as your product range. We support you in the preparation of an individual test plan and analyse for all potentially harmful substances using latest chromatographic, microbiological and molecular biological methods:

- Microbiological quality (Regulation (EC) No 2073/2005 and DGHM)
- Heavy metals (including Pb, Cd, Hg, As)
- Pesticide residues (multi-method and single methods)
- Chlorate/perchlorate
- Polycyclic aromatic hydrocarbons (PAH)
- Dioxins, dl and ndl PCBs
- Mycotoxins
- Allergens
- GMO

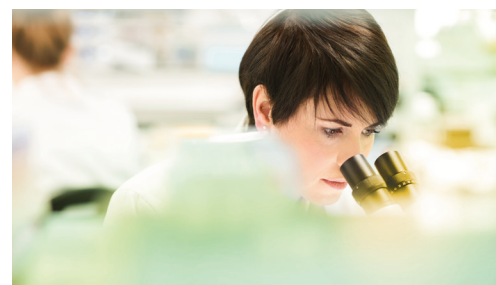
Extract from our spectrum of analysis in vitamins and minerals

water-soluble vitamins and vitaminoids

- Vitamins B1, B2, B6, B12
- Panthothenic acid
- Folic acid
- Niacin
- Biotin
- Vitamin C
- Choline

Fat-soluble vitamins and pro-vitamins

- Vitamin A
- Vitamin D2, D3
- Vitamin E (including tocopherol isomers)
- Vitamin K
- beta-carotene and other carotenoids



www.agrolab.com

AGROLAB LUFA GmbH

Dr.-Hell-Str. 6
24107 Kiel
Germany

Tel.: +49 431 1228-0
Fax: +49 431 1228-498
E-Mail: lufa@agrolab.de



AGROLAB GROUP

Your labs. Your service.

YOUR PLUS IN SERVICE

- Confirmation of examination (Certificate of marketability in Germany) for publication
- Support in the preparation of risk-based sampling plans
- Extensive declaration tests according to valid regulations
- Cooperation with IHK experts
- product-related AGROLAB test seal to confirm regular, independent quality controls

PERSONAL AND COMPETENT SUPPORT

A responsible account manager (food chemist, state-certified) at the laboratory location supports you in all questions concerning your order and your product.

Thanks to our many years of experience and excellent networking in the field of dietary supplements, we are also at your side for tricky questions and special requests and will take care of a competent and personal solution to your concerns.

A regional sales person takes care for all questions concerning prices, services and sample logistics.

ALOORA

- our free, digital service for you -

- Password-secured online access to your order confirmations, test reports (also for preliminary results) and invoices for you and your employees - anytime from anywhere
- Individual and secure data export of results
- Data archive for all order-related documents

CONTACT

Please contact your regional sales representative directly concerning questions and further details. You can find your responsible contact person on www.agrolab.eu in our contact finder.

He/she will be happy to advise you and send you an offer customised to your needs.

LABORATORIES

AGROLAB LUFA GmbH

Dr.-Hell-Str. 6
24107 Kiel, Germany
Tel: +49 431 1228-0
E-Mail: lufa@agrolab.de

YOUR PLUS - OUR KNOW HOW

- **State-of-the-art methods** in chromatography, microbiology and molecular biology
- **Decades of experience** of our competence center AGROLAB LUFA GmbH in the field of food supplements
- **Expert** for official cross-checks according to German Law
- **Member of the Food Supplements Working Group (AK NEM)** of the Food Federation Germany

AGROLAB **ALOORA**

