



HIGH QUALITY, CUSTOM CHROMATOGRAPHIC ANALYTICAL SERVICE BASED ON CUTTING-EDGE KNOWLEDGE AND TECHNOLOGY.



VITAS
ANALYTICAL SERVICES



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ABOUT US

Vitas AS was established in Oslo, Norway in 1994 by Professor Christian A. Drevon, Professor Rune Blomhoff and Dr. Thomas E. Gundersen.

Our company name, Vitas, is derived from the Latin word *vita* meaning life. In Norwegian *Vitas* also is the term for an academic position that in English would be understood as an abbreviation for scientific assistant.

These two descriptions define our unique approach of being an assistant providing state-of-the-art scientific services in the field of biotech, food production, drug discovery, research, and manufacturing support to promote a better and healthier life.

We have found a combination of laboratory and industrial experts that provide meaningful interpretations in scientific studies. Our mission is to provide a state-of-the-art chemical analytical service to aid the development of safe and affordable drugs, food and technical solutions as well an improved understanding of scientific aspects that can be to the benefit of mankind.



Founders of Vitas, Rune Blomhoff, Thomas E. Gundersen and Christian A. Drevon



WHAT WE DO

Vitas is a GMP certified chemical analysis contract lab, providing a high quality, custom chromatographic analytical service based on cutting-edge knowledge and technology. Our team of scientists with diverse backgrounds work together to offer correct solutions to complex problems.

Vitas provides a range of analytical services to the pharmaceutical and dietary supplement industry, academia and oil service companies. We deliver services ranging from a single test to full method development, validation, stability testing, tech-transfer, impurity characterization, high throughput study sample analysis and documentation.

Vitas engage in the European Unions (EU) Framework Programmes for Research and Innovation, contributing and fulfilling our obligations as an research intensive SME innovation partner. Vitas is also an approved R&D subcontractor in the Norwegian government tax incentive scheme program SkatteFUNN.



PHARMA & NUTRA SERVICES

Vitas provide a range of both GMP and non GMP analytical services to the pharmaceutical and nutraceutical industry. We deliver services covering all phases of product development with focus on method development, validation, stability testing, tech transfer, impurity characterization, as well as high throughput study sample analysis including documentation.

Our laboratories, equipped with the most modern instrumentation including UPLC, HPLC, LCMS, LC-MS/MS, LC-TOF-HRMS, GC, GC-MS and dissolution systems are operated by a well trained and highly motivated staff with an average of over 10 years of practical experience.

We strive to deliver the highest possible quality in the scientific services we provide to our customers. Only by doing so can we be considered leaders in our field of expertise. Vitas carries out comprehensive Quality Control on all tests undertaken. All quality assurance data held by the laboratory can be examined by our customers according to mutual agreement.



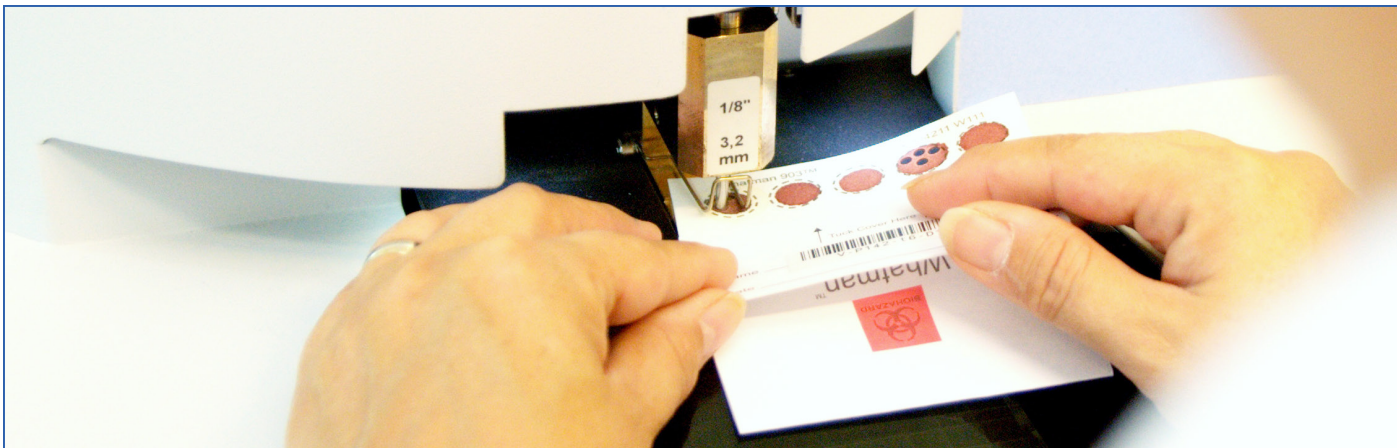
BIOMARKER ANALYSIS

Vitas offers a fully FDA/EMA GMP-compliant bioanalysis service to support biomarker analysis in preclinical and clinical development as well as small and large scale epidemiological studies.

With our state-of-the-art technology, backed by 20 years of experience, we have developed an rich inventory of more than 350 bioanalytical assays spanning a wide range of application areas that adhere to ICH or FDA guidelines.

Our methods have been used in many pre-clinical and clinical trials. New analytical methods are developed continuously for our clients.

We provide the analysis of drugs, metabolites, and endogenous compounds and biomarkers in biological matrices at all stages of research and product development.



DRIED BLOOD SPOT (DBS) SERVICES

The collection of whole blood samples on paper is known as dried blood spot sampling (DBS). The DBS blood collection platform is rapidly becoming an important basis for quantitative analysis of biomarkers.

DBS offers a number of advantages over conventional blood collection. As a less invasive sampling method, DBS offers simpler sample collection and storage and easier transport, with reduced infection risk of various pathogens, and requires only a few drops of blood.

Vitas offer several types of kits for DBS blood collection, custom development and validation of analytical methods for DBS, and a state-of-the-art lab facility for routine biomarker analysis from DBS. We receive and process several thousand DBS cards from a number of countries every month.



OIL FIELD SERVICES

Vitas possess unique expertise for developing novel methodology for the determination of various chemicals used in offshore oil production. A comprehensive set of tools including advanced mass spectrometry is used to solve a variety of analytical challenges. Typical sample matrices are high salinity produced water, cooling or heating media or seawater.

Actives like polymeric scale inhibitors (SIs), phosphonates and corrosion inhibitors can be quantified down to sub ppm levels alone or in the presence of similar chemicals. Our methods allow efficient monitoring of low levels of residual scale inhibitor without turning of the topside addition of SIs.

The ultra-low detection levels allows for lower Minimum Inhibitor Concentrations (MIC), postponed resqueezing and thus significant cost savings. The very specific methods also allows monitoring individual SIs from different wells in water from co-mingling streams or tiebacks.



SCIENTIFIC EXCELLENCE

At Vitas we seek long term relationships with every client and we believe that open, transparent and honest communication is essential for this to be achieved.

We recognize the participation, initiative and cooperation of all our staff as being essential to success and high quality, hence to encourage self-improvement and aim for scientific excellence at all time.

Our team of scientists with diverse backgrounds work together to offer correct solutions to complex problems. We provide a combination of laboratory and industrial experts that presents meaningful interpretations in scientific studies

Our vision is to build and maintain a growing, state-of-the-art, analytical contract laboratory by consistently exceeding our customers' expectations for scientific value, service, technical execution, quality and compliance.

EU FUNDED PROJECTS

From 2011, Vitas have been partner in a number of EU projects, working alongside scientists and researchers from prestigious academic institutions, other SMEs and larger industrial partners.

Our goal is to contribute to the development of tomorrow's technological solutions promoting health and hopefully in the end saving the European society important resources. Further, to extend our knowledge and competence within our field of expertise and broaden our scientific and business network throughout Europe.

The participation has been very valuable and Vitas seek new opportunities in the upcoming program Horizon 2020.

Please visit our website www.vitas.no for more information about all our EU projects.





VITAS AS
Gaustadalléen 21
0349 Oslo

Contact
Phone: 24 07 76 66
E-mail: mail@vitas.no



www.vitas.no