

Stable Isotopes

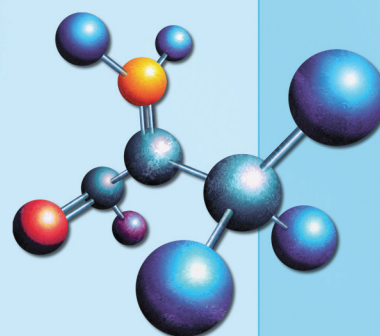
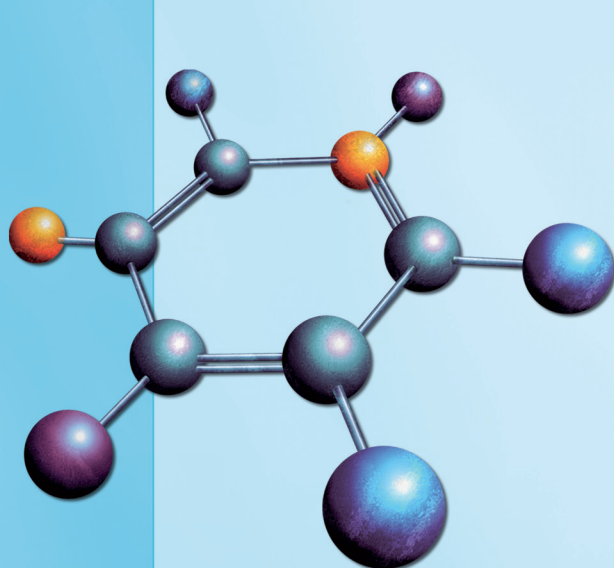
Radiochemicals

Research Chemicals

Analytical Standards

Breath Test Substrates / Devices

Sample Preparation



CAMPRO
SCIENTIFIC

www.campro.eu

Campro Scientific GmbH

is a research-oriented company that specializes in supporting the requirements of the scientific research community with a wide variety of high quality stable and radiolabeled isotopes, analytical standards, research chemicals and sample preparation products.

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The company was founded in 1981 and has shown a steady growth in a developing and ever-changing market since. Over the years we have been serving some of the most prestigious universities, hospitals, research institutions and laboratories worldwide.



Our Quality Policy

Focus on the customer

All employees actively work to provide our customers with high quality service. We have a set of defined standards that help achieve this goal.

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Continuous improvement

An important part of our business management is continuous improvement. We are in an ongoing effort to develop our services, processes and the quality of our performance.

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Control & Prevention

Our quality management system focuses on controlling the quality of our products and services and preventing inaccuracies in both. In case of a question or complaint, the cause is analyzed and necessary changes are made to help prevent repetition.

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The potential of our staff

Personnel development is an essential part of running a successful company, as our reputation and performance are partly influenced by the functioning of our employees. Therefore, we have established a positive working environment that encourages motivation, performance and employee satisfaction.

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Beneficial relationships

We establish and maintain relationships that are mutually beneficial with both our customers and our external providers.



OUR PRODUCTS

■ Stable Isotopes

Stable Isotopes are used in the fields of medicine, chemistry, biology, physics, agriculture, environmental, drug testing and many other sciences.

The potential applications are virtually limitless.

Campro Scientific offers a full range of high-quality stable isotope labeled products to support your research.

Cyclotron Target Materials & Consumables

For the Production of Radiopharmaceuticals (GMP)

- Water-¹⁸O
- Nitrogen-¹⁵N₂ / Oxygen Gasmix (ratio 39/1)
- Oxygen-¹⁸O₂
- Carbon-¹³C (amorphous)
- Sterile Vials, volume ranging from 5 ml to 100 ml
- Cassettes, reagent Kits & Ancillaries
- Precursors

Agricultural Research

- Ammonium Chloride-¹⁵N
- Ammonium Nitrate-¹⁵N
- Ammonium Sulfate-¹⁵N₂
- Calcium Nitrate-¹⁵N₂
- Potassium Nitrate-¹⁵N
- Urea-¹⁵N₂
- ¹³C Labeled Plant Materials

Gases

- Carbon Dioxide-¹³C
- Carbon Monoxide-¹³C
- Deuterium-D₂
- Ethylene-¹³C₂
- Nitrogen-¹⁵N₂
- Oxygen-¹⁸O₂

Noble Gases

- Helium-3
- Neon-20, 21, 22
- Argon-36, 38, 40
- Krypton-78, 80, 82, 83, 84, 86
- Xenon-124, 126, 128, 129

Metal Isotopes, e.g.

- Magnesium-24, 25, 26
- Calcium-40, 42, 43, 44, 46, 48
- Iron-54, 56, 57, 58
- Zinc-64, 66, 67, 68, 70

Custom Labeling Service

- ¹³C
- ²H
- ¹⁵N

■ Radiochemical Products, ¹⁴C, ³H, ³³P, ³⁵S

Radiolabeled biochemicals will function similar or identical to the naturally occurring material. As a result most chemical, biological and ecological processes treat them in an identical way. They can be used as radiotracers, enabling researchers to follow the biochemical through a pathway or reaction of interest. We offer a broad range of high quality radiolabeled chemicals.

- Amino Acids
- Brain Mapping & Blood Flow Tracers
- Carbohydrates

- Ceramides, Sphingolipids, Phospholipids
- Coenzyme A products
- Drugs for AIDS and Cancer Research
- Fatty Acids
- Inositides
- Mevalonolactones & Isoprenoids
- Neurochemical Ligands
- Nucleosides & Nucleotides
- Peptides
- Pesticides
- Plant Materials
- Steroids

■ Carbon-14 & Tritium Labeling Services

Contact us for more information:

Compliance with the terms of state, federal and institutional regulations for the procurement of radioactive materials is the responsibility of the user. Customers should familiarize themselves with all applicable regulations to comply with current regulatory guidelines

■ Research Chemicals

The specialty chemicals industry, as well as the pharmaceutical industry are under pressure to achieve higher innovation rates while simultaneously conforming to increasing regulatory pressures and R&D costs.

Campro Scientific can help you achieve your goals with a program of complex organic chemicals and intermediates

- Alkanes-¹³C,d
- Amino Acids and derivatives-¹³C, ¹⁵N
- Carbohydrates and derivatives-¹³C,d
- Fatty Acids / Lipids-¹³C,d
- Polymers-¹³C,d
- RNA / DNA Products-¹³C, ¹⁵N
- Steroids-¹³C
- Vitamins-¹³C

■ Analytical Standards

These standards are essential for the calibration of instruments and ensuring the long term integrity of quality assurance programs. Campro Scientific offers to the analytical community standards in both native and stable isotope labeled form (²H, ¹³C, ¹⁵N, ¹⁸O).

Drug Standards

- Exempt Drug Standards (government exempted)

Environmental Standards

- Native & ¹³C-PCDD and PCDF congeners
- EPA Methods-1613-8280-8290-513-1668-23
- PBDD, PBDF and mixed Br/Cl congeners
- Multilevel Calibration sets for PCDD/PCDF analysis
- Native & ¹³C-Labeled PCBs & PBBs
- Solutions for EPA Method 1668 Revision A
- EN Methods-1948
- Native ¹³C-Labeled PBDEs
- Native & ¹³C labelled PFC's
- Solutions for EPA Method 537
- Certified Reference Materials
- Reference Matrices

Inorganic Standards

- EPA Method 200-6010
- ICP/MS EPA Method Standards
- ICP/MS Multi Element Standards
- Custom mixes

Metabolic Standards

- Natural & Deuterated Acylcarnitines
- Natural & Deuterated Bile Acids
- Natural & Deuterated Fatty Acids
- Natural, ^{13}C or Deuterium labeled Acylglycines

Organic Standards

- Explosives
- EPA Methods 500-600-8000
- Food related impurities and contaminants
- Organic compounds
- PAHs
- Pesticides & metabolites
- Petroleum standards
- Plasticizers, POPs, VOCs
- Custom mixtures

Proficiency Testing products (div. Matrices)

- Air & Emissions
- Microbiology
- Radiochemistry
- Soil
- Water Pollution
- Water Supply

■ Turbidity Standards and Consumables

In addition to Proficiency Testing, we offer standards and consumables for drinking water testing. Whether it is environmental testing or municipal drinking water testing, accurate measurement of Turbidity and TOC (total organic carbon) help ensure compliance with government regulations.

■ Breath Test Substrates

During a Breath Test a ^{13}C labeled substrate is administered. The substrate is metabolized by a specific enzyme system resulting in $^{13}\text{CO}_2$ as end product.

To monitor the enzyme response, ^{13}C enrichment is measured in breath CO_2 .

Campro offers both substrates and consumables for breath tests such as sample bags, discard bags and testing equipment.

Stomach

- Helicobacter pylori Infection
 - ^{13}C -Urea
- Gastric Emptying of Solids
 - ^{13}C -Octanoic Acid
- Gastric Emptying of Liquids
 - ^{13}C -Sodium Acetate

Pancreas

- Lipase Activity
 - ^{13}C -Mixed Triglyceride
- Exocrine Pancreatic Insufficiency
 - ^{13}C -Cholesteryl Octanoate

Liver

- Microsomal (cirrhosis)
 - ^{13}C -Aminopyrine
- Microsomal
 - ^{13}C -Methacetin
- Mitochondrial
 - ^{13}C -Ketoisocaproic Acid
- Cytosolic
 - ^{13}C -Galactose

Intestine

- Brush Border Enzymes
 - ^{13}C -Lactose
- Orocecal Transit Time
 - ^{13}C -Lactose Ureide
- Bacterial Overgrowth
 - ^{13}C -Xylose

■ Sterility & Pyrogenicity Testing

We offer several S&P tested products and can test products for sterility and pyrogenicity on demand if needed. Testing is done in bulk form before subdivision packaging. This bulk test does not guarantee that the subdivision or repackaged product is sterile and pyrogen free when it is received or used by the customer.

■ State-of-the-Art Breath Test Devices & Consumables

- Quintron Breath Tracker (H_2 , CH_4 , CO_2)
- Fischer Analysen Instrumente: LactoFAN2 (H_2), HeliFANplus, FANhp ($^{13}\text{CO}_2$)

■ Rapid Urease Test (RUT)

Detection of Helicobacter pylori in biopsy samples

- HelicotecUT
- HelicotecUT Plus

■ Analox Instruments

High quality electrochemical analyzers and reagents for a wide range of analytes (e.g. glucose, alcohol, glycerol, lactate, cholesterol and urea.)

OUR PRODUCTS

Sample Preparation

Automation of sample preparation is an opportunity to increase laboratory throughput and efficiency as well as to decrease labor and consumables cost.

Solid Phase Extraction

There is a wide variety of different SPE instruments available for all types of matrices like drinking water, ground water, surface water, waste water, beverages and physiological fluids.

• TurboTrace	• TurboTrace PFC
• TurboTrace SEQ	• TurboTrace ABN
• Econo Trace	• NanoTrace
• EZSpe (semiautomated)	• EZPFC (semiautomated)

Pressurized Liquid Extraction

Used to extract solid or semisolid samples under high pressure and high temperature to achieve best recoveries in just minutes and to reduce the cost of labor, solvents and energy.

Cleanup for PCDD/F's, PCB's and other POP's

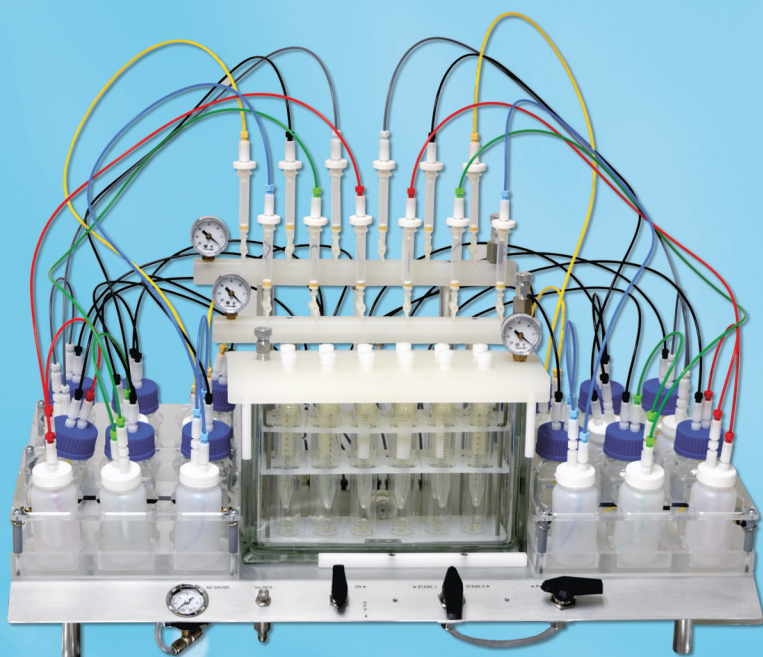
The Multi-column cleanup for samples after fat extraction delivers two fractions for Dioxin/Furan/PCB analysis; other analytes like PBDE's, PBDD/F's etc. can also be processed.

• PowerPrep	• EconoPrep
• EP110	• EZPrep123 (semiautomated)

SuperVap family for sample evaporation

SuperVap instruments are used for the quick and unattended blowdown of extracts to minimize the volumes for analysis; direct-to-vial evaporation is an option

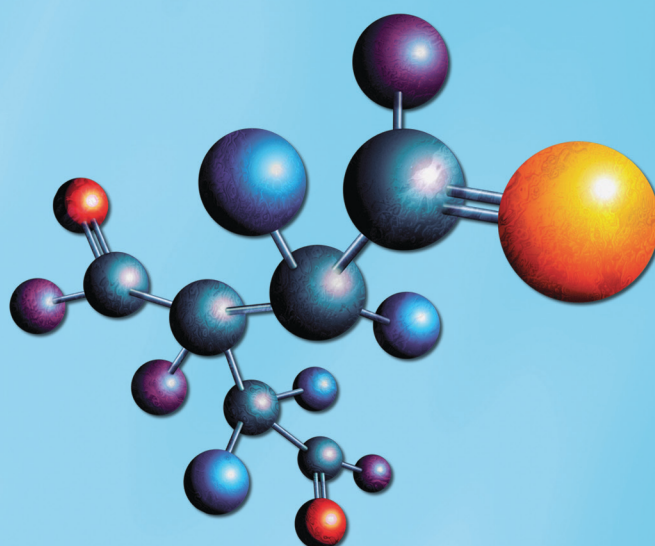
with endpoint detection	without endpoint detection
• SuperVap 6 position	• SuperVap 12, 20, 40, 60 ml
• SuperVap 12 position	• SuperVap 24, 2 and 4 ml



EZPFC-12



SuperVap-12 50 ml



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