

Radiopharmacy

Environment

Geochemistry

Decommissioning

Determination of radionuclides in decommissioning samples

- Fast Emergency Methods
- Rapid & reliable results
- Easy to handle
- High sample throughput
- Several analytes from one sample
- No toxic or dangerous reagents
- Difficult to measure radionuclides
- Decontamination of effluents

Triskem International is well known manufacturer of **extraction chromatographic resins** which are standard methods in environmental monitoring and bioassay analysis used by worldwide accredited laboratories. Our company equally provides resins to facilitate the analyses which accompany the **decommissioning of nuclear installations**.

The **high selectivity** of our resins not only allows the analysis of **standard alpha and beta emitters** (actinides, Sr-89/90, Ni-63, Tc-99,...) from high matrix samples including concrete, spent resin, but also the determination of so called **difficult-to-measure (DTM) radionuclides** such as Sn-121m/Sn-126, Zr-93,...

We are constantly working on developing **new methods** according to your needs. Methods for the following radionuclides are currently under development: Se-79, Sb-125, Cs-135, Nb-93m/Nb-94, Ag-108m, Pd-107, ...

For more information please contact us at contact@triskem.fr

Products	Applications*
CS Resin	Cs-134/7
CL Resin	Cl-36, I-129, Ag
TBP Resin	Sn-121m/Sn-126, Actinides, Zr
Zr Resin	Zr-93, Ti, Ga, Nb, Mo, Ge
DGA Sheets	Rapid screening by TLC
TK400 Resin	Pa, Fe, Nb, Mo
TK100/1 Resin	Pb, Sr, Ra (direct separation)
TK202 Resin	Tc-99 from alkaline samples
TK200 Resin	U, Pu, Th
TK201 Resin	Tc-99, Pu
TK221 Resin	Actinides, lanthanides
TK211/2/3 Resins	Lanthanide separation
Guard Resin	Removal of organic impurities
Discs	Source preparation for alphaspectrometry
Autodeposition kit	Po autodeposition
Pyrolyser, Pyrolyser Mini	H-3, C-14, Cl-36, I-129
LSC consumables	Liquid Scintillation Counting
MnO ₂ -PAN	Ra preconcentration
Ra Nucfilms discs	Ra-226
CU Resin	Cu

*the main application is in orange

Our **new developments** - for information on all our products please visit our web site:
www.triskem.com