

Radiopharmacy

Environment

Geochemistry

Decommissioning

Determination of radionuclides in decommissioning samples

- Rapid 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](mailto: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, Nb, Mo, Fe
TK100 Resin	Sr (direct separation)
TK101 Resin	Ra, Pb (direct separation)
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
LSC consumables	Liquid Scintillation Counting
MnO <sub>2</sub> -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](http://www.triskem.com)

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