

Radiopharmacy

Environment & Bioassay

Geochemistry

Decommissioning

Determination of radionuclides in
environmental and bioassay samples

- Rapid Emergency Methods
- Large Environmental Samples
- Various Matrices
- Separation of several elements out of one sample
- Fast methods and reliable results

Our extraction chromatographic resins permit the separation and determination of radionuclides (e.g. actinides and fission products) from **bioassay samples and environmental matrices** such as e.g. soil, sediment, vegetation, surface, ground and seawater samples.

Their use allows a **rapid and precise determination** of radionuclides in emergency situations and routine, as well as, combined with suitable sample preparation methods, to obtain **very low detection limits** through analysis of large volume samples.

Triskem International places a strong focus on the development of new resins and separation methods to meet your separation needs.

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

Products	Applications*
CL Resin	Cl-36, I-129
CS Resin	Cs-134/7
TK100/1 Resins	Ra, Direct Sr and direct Pb determination
TK400 Resins	Pa, Nb, Fe
TK200 Resin	U, Pu, Th
TK201 Resin	Tc-99, Pu
TK221 Resin	Actinides, lanthanides
TBP Resin	Sn, Actinides, Zr
TK211/2/3 Resins	Lanthanide separation
Guard Resin	Removal of organic impurities
MnO ₂ -PAN Resin	Ra preconcentration
Ra Nucfilm discs	Ra-226
LSC consumables	LSC
Discs	Preparation of sources for alphaspectrometry
Autodeposition kit	Po autodeposition
DGA Sheets	Rapid screening by TLC
Pyrolyser, Pyrolyser Mini	H-3, C-14, Cl-36, I-129
CU Resin	Cu
ZR Resin	Zr, Ti, Nb, Ga, Ge

*the main applications are shown in green

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

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