

Lab Capabilities:

Inorganic:

- TCLP Prep
- Sample Prep
- Metals analysis by ICP
- Metals analysis by ICP-MS
- Hg analysis
- Assay and Uranium concentration analysis (TIMS and ICP-MS)
- U-234/U-235 Ratio
- Fecal Coliform
- pH analysis
- Conductivity analysis
- Scanning Electron Microscope (SEM) analysis

Radiochemistry:

- Sample Prep
- Gross Alpha/Gross Beta and Sr-90 by Gas Proportional Counter
- Tc-99 by Liquid Scintillation Counter
- Gamma analysis

U-235	Co-60	Th-234
Cs-134	Am-241	I-131
K-40	Np-237	
- Alpha analysis

U-234	Th-228	Am-241
U-235	Th-230	Np-237
U-238	Th-232	Pu-238
U	wt% U-235	Pu-239/240

Operations:

- FTIR analysis
- Mixing of gas standards for cell treatment
- Fluorine analysis on corrosive GC
- Failure investigations and trouble shooting on equipment
- Commercial grade dedication on parts and equipment

- Acceptance testing for new material
- Uranium in safety samples by Arsenazo
- Uranium and Fluoride in stack samples
- Moisture analysis on cascade systems
- Gas sampling of cascade systems
- Liquid subsampling for NDA working reference material
- Sprinkler head testing