

unique capabilities

Analytical Laboratories

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC



*Nuclear Material
Accountability Measurement
with Impressive Precision*

Controlled-Potential Coulometers

Overview

Built by SRNL and certified by the Savannah River Site's (SRS) Analytical Laboratories, these instruments are used to precisely measure the concentration of plutonium in solutions throughout the world. SRS-supplied Controlled-Potential Coulometers are the instrument of choice for international safeguards applications.

Features

- High accuracy vs. certified referenced materials (0.05%)
- Design basis for ISO 12183:2005
- Calibrated electronically with no certified reference materials needed
- Instrument is also capable of neptunium assay and concentration measurements
- Computer controlled and automated for ease of operation
- Excellent product service and customization
- Turn key electronics, cell hardware, purification equipment, and on-site training