



Working Safely with

Radiation Safety

(216) 368-2906

Cesium 137 Quick Facts

Half life:
30.17 years

Radiation:
Beta, gamma

Shielding:
Plastic 0.53 cm
Aluminum 0.25 cm

Safety Precautions:

- Always wear gloves and a lab coat when working with any radioisotope.
- Body/ring badges are not required
- Detection Information:
 - GM surveys meter - estimate efficiency 7%
 - Liquid Scintillation Counter - estimate efficiency 90%

Sealed sources pose no internal radiation hazard. However, in the event of loss of containment by the sealed source, all precautions should be taken to prevent inhalation or ingestion of the material.