



Certificate

for Radiation Device

Certificate Number R-680-0002-0-2022	Date of Issue June 06, 2007	Date of Expiry May 31, 2022
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The radiation device identified below is certified by the Canadian Nuclear Safety Commission pursuant to paragraph 21(1)(h) of the *Nuclear Safety and Control Act* and section 12 of the *Nuclear Substances and Radiation Devices Regulations*.

Manufacturer: SRI Instruments, Inc.

Make and Model: SRI Models 8610, 310 and 110

Device Type: ELECTRON CAPTURE DETECTOR

Description: Reference CNSC Application # 40247.

The SRI Models 8610, 310 and 110 are chromatograph using a Valco Model 140BN Electron Capture Detector containing a source of Ni-63. The dimensions of Model 8610 are 483 mm long by 305 mm high by 369 mm wide and the weight is approximately 29 kg. The dimensions of Model 310 are 483 mm long by 305 mm high by 369 mm wide and the weight is approximately 20 kg. The dimensions of Model 110 are 216 mm long by 305 mm high by 369 mm wide and the weight is approximately 14 kg.

The radiation device may contain any of the following nuclear substances in a quantity not exceeding the corresponding quantity indicated:

Nuclear Substance	Maximum Quantity
Nickel 63	185 MBq

Designated Officer pursuant to paragraph 37(2)(a) of the
Nuclear Safety and Control Act