RS-14B / Sealed Source Leak-Test Record

SECTION 1 – Requestor / Authorization Information

Authorized User / custodian: _____ 900#: _____

Email: _____ Phone: _____

Department: _____ Room no.: _____

Radiation Use Permit No.: _____

Verification date: _____ Performed by: _____

SECTION 2 – Sealed Source Leak Test

Counting Instrument / System

Instrument type: _____

Manufacturer / model: _____ Serial no.: _____ Calibration date: _____

Detector efficiency used: _____ %

Source ID / Serial no.	Radionuclide	Wipe / Sample ID	Background (cpm)	Gross cpm	Net cpm	Efficiency	Result (dpm)	Pass / Fail

Net cpm = Gross cpm − Background cpm

dpm = Net cpm ÷ detector efficiency (expressed as a decimal; e.g., 35% = 0.35)

Leak-Test Acceptance Criterion

Applicable leak-test acceptance criterion: _____ dpm

Basis:

☐ License condition ☐ Manufacturer/source documentation

☐ Regulation ☐ Other: _____

SECTION 3 – Results and Corrective Actions

Elevated / Failed Leak-Test Result

☐ None

☐ Source removed from service

☐ Source secured / isolated

☐ RSO notified

☐ Contamination survey performed

☐ Regulatory notification evaluated, if applicable

☐ Other: _____

Comments / corrective actions: _____

SECTION 4 – Verification

Leak test performed/collected by: _____ Date: _____

Sample analyzed by: _____ Date: _____

RSO review: _____ Date: _____