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MIS028-04

Room:203

Time:May 25 11:30-11:45

Radiation dosimetric survey logger with a NaI scintillator

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NaI scintillators are widely used to investigate spatial dose rate in fields. Although, gamma-spectrometers are superior in spectral resolution, NaI scintillators have advantage in mobility in the field and should be meaningful devices for ESR/Luminescence dating. We have been successfully developed and tested as mobile dose survey loggers using NaI scintillators, including unfolding techniques of spectra, stabilization of environmental parameters for the device and calibration of spectra.

Keywords: NaI scintillator, Radiation, Dosimetry, logger