



Center for Technology Transfer and Marketing

CTTM

RADIONUCLIDE METROLOGY LABORATORY(RML)

DESCRIPTION

The Radionuclide Metrology Laboratory (RML) from IFIN-HH, assures the entire metrological traceability chain, from the International System, SI, up to the end users, entities implied in the radioactivity measurement. The laboratory is accredited by Romanian Accreditation Association (RENAR), in accordance with the EN ISO/IEC 17025:2005 standard (LE 013/2013), and designated by National Commission for Nuclear Activities Control (CNCAN) as Notified Standardization Laboratory for Activity (Bq), (LE 373/2014). **It is also accredited as a testing laboratory for low activities measurement.**

APPLICATION DOMAINS

Manufacturer and supplier of authorized radioactive sources and standard solutions. Standardization of external radioactive sources and solutions; calibration of the radioactivity measurement devices. Measuring the radioactive activity of samples from environment, food chain and industry.

MAIN ADVANTAGES

Laboratory experience in radionuclide metrology over 50 years. **37 Calibration and Measurement Capability files** - Ionizing Radiation, have been published and internationally recognized, within the CIPM-Mutual Recognition Arrangement (CIPM-MRA), annex C:
http://kcdb.bipm.org/appendixC/RI/RO/RI_RO.pdf

CONTACT

Dr. Maria Sahagia

e-mail: msahagia@nipne.ro

tel: (021) 404 6163

fax: (021) 457 4945



POTENTIAL CUSTOMERS OR COMMERCIAL APPLICATIONS

Research Institutes and Universities; Nuclear Power Plant-CNE Cernavoda; Nuclear Medicine Units in Hospitals; County Departments: Public Health, Sanitary Veterinary and Food Safety, Environmental Protection.

KEYWORDS

Radionuclide Metrology Laboratory, Standardization, Calibration, Sources, Measurement Devices, Radioactivity Measurement