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New Version of the Application Oriented Radionuclide Handbook prepared for Laboratory Workers and Accredit Laboratories using Latest Reference Data

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1. Commonly used radio-isotopes
2. Nuclide and isotope lists

1. Radionuclide Handbook comprises a prepared list mode of data for all natural and calibration radionuclides, cosmogenic, medicine, long lived anthropogenic (man made) isotopes and actinides as well as most of relevant radionuclides taking place in (n,) and (n,n´) interactions and more.
2. The essential preference lies in the presentation of the decay structure of more than 150 isotopes, where overviews of decay chains for natural nuclides and actinides are included, and in addition, of lists in energy order for nuclide libraries necessary for analyse software packages.

3. Reference lines,
4. Latest state of data
5. Accredit laboratories

3. Indicated are interference and coincidence disturbance in the de-excitation of photons and alpha decays as well as marked out reference photon and alpha lines free of any disturbance.
4. Latest data are used and compared from official data banks, NDS, TOI, ... with references necessary for accredit laboratories.
5. The Handbook is used in more than 120 Laboratories world wide as well as in reference laboratories such as the CTBTO