

**BIPM radionuclide metrology publications since May 2005****2005**

1. Ratel G., Evaluation of the uncertainty of the degree of equivalence, ***Metrologia*, 2005, 42(2), 140-144**
2. Ratel G., Michotte C., Hino Y., Activity measurements of the radionuclide  $^{85}\text{Sr}$  for the NMIJ, Japan in the ongoing comparison BIPM.RI(II)-K1.Sr-85, ***Metrologia*, 2005, 42, Tech. Suppl., 06010**
3. Ratel G., Michotte C., Hino Y., Update of the BIPM comparison BIPM.RI(II)-K1.Ce-139 of activity measurements of the radionuclide  $^{139}\text{Ce}$  to include the 2004 NMIJ result and links for the 2004 regional comparison APMP.RI(II)-K2.Ce-139, ***Metrologia*, 2005, 42, Tech. Suppl., 06012**
4. Ratel G., Michotte C., Hino Y., Kossert K., Janßen H., Activity measurements of the radionuclide  $^{57}\text{Co}$  for the NMIJ, Japan and the PTB, Germany in the ongoing comparison BIPM.RI(II)-K1.Co-57, ***Metrologia*, 2005, 42, Tech. Suppl., 06016**
5. Ratel G., Michotte C., Hino Y., Tyler D., Judge S., Kharitonov I.A., Activity measurements of the radionuclide  $^{51}\text{Cr}$  for the NMIJ, Japan and the NPL, UK in the ongoing key comparison BIPM.RI(II)-K1.Cr-51 and the linking of the activity measurement of the VNIIM, Russian Federation in the APMP.RI(II)-K2.Cr-51 regional key comparison, ***Metrologia*, 2005, 42, Tech. Suppl., 06014**
6. Ratel G., Michotte C., Hino Y., Wätjen U., Activity measurements of the radionuclide  $^{137}\text{Cs}$  for the NMIJ, Japan and the IRMM, Geel in the ongoing comparison BIPM.RI(II)-K1.Cs-137 and update of the KCRV, ***Metrologia*, 2005, 42, Tech. Suppl., 06009**
7. Ratel G., Michotte C., Janßen H., Kossert K., Lucas L., Karam L., Activity measurements of the radionuclide  $^{109}\text{Cd}$  for the PTB, Germany and the NIST, USA in the ongoing comparison BIPM.RI(II)-K1.Cd-109, ***Metrologia*, 2005, 42, Tech. Suppl., 06011**
8. Ratel G., Michotte C., Johansson L., Update of the BIPM.RI(II)-K1.Tc-99m comparison of activity measurements for the radionuclide  $^{99}\text{Tc}^{\text{m}}$  to include the NPL, ***Metrologia*, 2005, 42, Tech. Suppl., 06015**
9. Ratel G., Michotte C., Reinhard M., Alexiev D., Mo L., Activity measurements of the radionuclide  $^{153}\text{Sm}$  for the ANSTO, Australia in the ongoing comparison BIPM.RI(II)-K1.Sm-153, ***Metrologia*, 2005, 42, Tech. Suppl., 06008**

10. Ratel G., Michotte C., Wätjen U., Janßen H., Szücs L., Coursol N., Hino Y., Activity measurements of the radionuclide  $^{134}\text{Cs}$  for the IRMM, Geel, PTB, Germany, OMH, Hungary, LNE-LNHB, France and the NMIJ, Japan in the ongoing comparison BIPM.RI(II)-K1.Cs-134, ***Metrologia*, 2005, 42, Tech. Suppl., 06013**
11. Ratel G., Michotte C., Woods M.J., Comparisons CCRI(II)-K3.F-18 and APMP.RI(II)-K3.F-18 of activity measurements of the radionuclide  $^{18}\text{F}$  and links to the key comparison reference value of the BIPM.RI(II)-K1.F-18 comparison, ***Metrologia*, 2005, 42, Tech. Suppl., 06007**

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12. Michotte C., Ratel G., Aubineau-Lanièce I., Moune M., Coursol N., Activity measurements of the radionuclide  $^{124}\text{Sb}$  by the LNE-LNHB, France as a pilot study for the ongoing comparison BIPM.RI(II)-K1.Sb-124, ***Metrologia*, 2006, 43, Tech. Suppl., 06007**
13. Michotte C., Pearce A., Cox M. and Gostely J.-J., An approach based on the SIR measurement model for determining the ionization chamber efficiency curves, and a study of  $^{65}\text{Zn}$  and  $^{201}\text{Tl}$  photon emission intensities, ***Appl. Radiat. Isot.*, 2006, 64, 1147-1155**
14. Ratel G., Median and weighted median as estimators for the key comparison reference value (KCRV), ***Metrologia*, 2006, 43(4), S244-S248**
15. Ratel G., Michotte C., Bobin C., Moune M., Coursol N., Update of the ongoing comparison BIPM.RI(II)-K1.Ga-67 to include the activity measurements of the LNE-LNHB, France, ***Metrologia*, 2006, 43, Tech. Suppl., 06008**
16. Ratel G., Michotte C., Hino Y., Keightley J., Wätjen U., Update of the ongoing comparison BIPM.RI(II)-K1.Co-60 including activity measurements of the radionuclide  $^{60}\text{Co}$  for the NMIJ, Japan and the IRMM (Geel), ***Metrologia*, 2006, 43, Tech. Suppl., 06003**
17. Ratel G., Michotte C., Kossert K., Janßen H., Update of the BIPM comparison BIPM.RI(II)-K1.F-18 of activity measurements of the radionuclide  $^{18}\text{F}$  to include the PTB, ***Metrologia*, 2006, 43, Tech. Suppl., 06001**
18. Ratel G., Michotte C., Kossert K., Janßen H., Activity measurements of the radionuclide  $^{111}\text{In}$  for the PTB, Germany in the ongoing comparison BIPM.RI(II)-K1.In-111, ***Metrologia*, 2006, 43, Tech. Suppl., 06002**
19. Ratel G., Michotte C., Kossert K., Janßen H., Activity measurements of the radionuclide  $^{99}\text{Tc}^{\text{m}}$  for the PTB, Germany in the ongoing comparison BIPM.RI(II)-K1.Tc-99m, ***Metrologia*, 2006, 43, Tech. Suppl., 06004**

20. Ratel G., Michotte C., Kossert K., Janßen H., Update of the BIPM.RI(II)-K1.Rn-222 comparison of activity measurements for the radionuclide  $^{222}\text{Rn}$  to include the PTB, *Metrologia*, 2006, 43, Tech. Suppl., 06006