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AFRIMETS TC-IR REPORT TO THE CCRI(II)
Sevres, France – May 2013

1. Introduction

The NMISA Radioactivity Standards laboratory is the only one in the AFRIMETS region with capabilities for the accurate measurement of radioactivity. The NMISA is an associate member of the APMP and the RS laboratory participates in APMP and CCRI(II) comparisons where possible.

2. Regional comparisons developed and its current status

During the last two years the NMISA participated in the CCRI(II)-K2.Tc-99 key comparison of the measurement of the activity concentration of the same Tc-99 solution. The NMISA also participated in the CCRI(II)-S9 supplementary comparison of the measurement of the activity concentration of Cs-137 and K-40 in rice material.

3. Plans for future comparisons

The NMISA have no immediate plans to arrange regional comparisons.

4. Connection and support to the CCRI strategy

Strategy ID g: The NMISA is scheduled to participate in the comparison BIPM.RI(II)-K4.Tc-99m of the measurement of activity of the radionuclide Tc-99m during the second half of 2015.

Strategy ID s: Freda van Wyngaardt is a member of the ESIR WG. The NMISA participated in the Ni-63 trial comparison to test the suitability to two strategies proposed for the ESIR.