


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>0146</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>GE Healthcare Limited</h3> <p>Issue No: 015 Issue date: 23 April 2012</p>	
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<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks
ACTIVITY CONCENTRATION OF STANDARDISED SOLUTIONS ⁽¹⁾	Individual radionuclides measured by absolute or secondary techniques 30 Bq/g - 100 MBq/g	0.40 % to 3.0 % Uncertainty depends on the calibration procedure and on the radionuclide	²⁴¹ Am, ¹²⁵ Sb, ¹³³ Ba, ¹⁰⁹ Cd, ¹³⁴ Cs, ¹³⁷ Cs, ¹⁴ C, ¹³⁹ Ce, ¹⁴¹ Ce, ¹⁴⁴ Ce, ³⁶ Cl, ⁵¹ Cr, ⁵⁶ Co, ⁵⁷ Co, ⁵⁸ Co, ⁶⁰ Co, ¹⁸ F, ³ H, ^{114m} In, ¹²⁵ I, ¹²⁹ I, ¹³¹ I, ⁵⁵ Fe, ⁵⁹ Fe, ⁵⁴ Mn, ²⁰³ Hg, ⁹⁹ Mo, ⁶³ Ni, ³² P, ²³⁸ Pu, ²³⁹ Pu, ¹⁴⁷ Pm, ⁷⁵ Se, ^{110m} Ag, ²² Na, ²⁴ Na, ⁸⁵ Sr, ⁸⁶ Sr, ⁹⁰ Sr, ³⁵ S, ⁹⁹ Tc, ⁸⁸ Y, ⁹⁰ Y, ⁶⁵ Zn,
	Individual radionuclides measured by secondary techniques only 3 kBq/g - 400 MBq/g	1.5 % to 5.5 % Uncertainty depends on the radionuclide	⁶⁷ Ga, ²⁰¹ Tl, ¹¹¹ In, ¹¹³ Sn, ^{99m} Tc, ¹⁰³ Ru, ²²⁶ Ra, ¹⁵² Eu,
	Standards for liquid scintillation counting	1.3 % to 4.0 % Uncertainty depends on the radionuclide	³ H, ¹⁴ C, ³⁵ S
	Mixed radionuclide gamma-ray reference solutions 50 - 5000000 gammas/s/g per gamma ray energy	1.7 % to 9.5 % Uncertainty value different for each of the gamma-rays	(²⁴¹ Am), ¹⁰⁹ Cd, ⁵⁷ Co, ¹³⁹ Ce, ²⁰³ Hg, ⁵¹ Cr, ¹¹³ Sn, ⁸⁵ Sr, ¹³⁷ Cs, ⁸⁸ Y, ⁶⁰ Co, (⁵⁴ Mn, ⁶⁵ Zn)
			Quoted in gamma rays per second produced in the source. Uncertainty as in item above



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ACTIVITY CONCENTRATION OF CALIBRATED SOURCES	Mixed radionuclide gamma ray reference sources i) disc point sources 400 - 10000 gammas/s/g per gamma ray energy	1.8 % to 9.6 % Uncertainty value different for each of the gamma-rays	²⁴¹ Am, ¹⁰⁹ Cd, ⁵⁷ Co, ¹³⁹ Ce, Hg, ¹¹³ Sn, ⁸⁵ Sr, ¹³⁷ Cs, ⁸⁸ Y, ⁶⁰ Co, Quoted in gamma rays per second of the source NOTE: (1) The uncertainty of measurement on radionuclides is dependent on the detailed decay scheme for an individual radionuclide. The CMC values quoted are those obtained in the most favourable circumstances. Uncertainties for a particular radionuclide may be considerably greater.
END			