

Certificate of measurement of gamma reference sources

R 0101

Nuclide	²⁴¹ Am	¹³⁷ Ba	¹³⁷ Cs	⁶⁰ Co	⁸⁸ Y	²² Na	⁵⁴ Mn	²⁰³ Hg	⁵⁷ Co
Colour Code	Red	White	Yellow	Light Green	Black	Cream	Blue	Pink	Dark Green
Source No.	A1108	A1170	A1195	A1270	A1289	A1374	A1421	A1460	A1510
Activity, μ Ci	11.93	10.30	10.38	10.57	11.11	11.17	11.39	21.02	11.51
Accuracy %	5.0	4.8	3.7	1.9	5.0	3.7	3.7	3.0	4.4
ESD %	1.7	1.6	1.3	0.7	1.7	1.3	1.3	1.0	1.5

Activity reference time 1200 GMT on 1st April 1973

Wipe test: each source has passed a wipe test with an acceptance limit of 0.005 μ Ci.

Accuracy is defined as the OVERALL UNCERTAINTY of the result.

Definitions of the terms used in this certificate and further details of the sources are given in the data sheet provided with each set or replacement source.

$IC = 3.7 \times 10^{10}$

Set No 0116

Checked by

off

Approved by
for Managing Director.

GR Newbury

The Radiochemical Centre

Amersham

England