

For Educational Purposes Only

Information is purposely omitted from this document.

Source Certificate

Radionuclide: *Ir192*
 ISO/ANSI Classification: *97E64515*
 IAEA Special Form Reference Number: *USA/0335/S-96*
 Measured Equivalent Activity on *Aug-29-2012*
106.1 Ci 3.9 TBq

Holder/Capsule # **87787B**
 Source Model: *A424-9*
 Product Code: *ICUCF100*
 Sales Order:

Source Physical Size:		
	(mm)	(in)
Diameter	2.700	0.106
Length	2.850	0.112
Diagonal	3.926	0.155

Quality Control Tests		<i>Aug-29-2012</i>
Wipe Test A:	<0.00045 uCi	
Vacuum Bubble Test:	Passed	
Tensile Test:	Passed	
Wipe Test B:	<0.00045 uCi	

Decay Data:

Technician:

Activity in Curies						
Date	Date +1	Date +2	Date +3	Date +4	Date +5	Date +6
106.1	105.1	104.1	103.2	102.2	101.2	100.3
99.3	98.4	97.5	96.6	95.7	94.8	93.9
93.0	92.2	91.3	90.4	89.6	88.8	87.9
87.1	86.3	85.5	84.7	83.9	83.1	82.3
81.6	80.8	80.0	79.3	78.6	77.8	77.1
76.4	75.7	75.0	74.3	73.6	72.9	72.2
71.5	70.8	70.2	69.5	68.9	68.2	67.6
67.0	66.3	65.7	65.1	64.5	63.9	63.3
62.7	62.1	61.5	61.0	60.4	59.8	59.3
58.7	58.2	57.6	57.1	56.5	56.0	55.5
55.0	54.5	54.0	53.5	53.0	52.5	52.0
51.5	51.0	50.5	50.0	49.6	49.1	48.7
48.2	47.8	47.3	46.9	46.4	46.0	45.6
45.1	44.7	44.3	43.9	43.5	43.1	42.7
42.3	41.9	41.5	41.1	40.7	40.3	39.9
39.6	39.2	38.8	38.5	38.1	37.8	37.4
37.1	36.7	36.4	36.0	35.7	35.4	35.0
34.7	34.4	34.1	33.7	33.4	33.1	32.8
32.5	32.2	31.9	31.6	31.3	31.0	30.7
30.4	30.1	29.9	29.6	29.3	29.0	28.8
28.5	28.2	28.0	27.7	27.4	27.2	26.9
26.7	26.4	26.2	25.9	25.7	25.5	25.2
25.0	24.7	24.5	24.3	24.1	23.8	23.6
23.4	23.2	23.0	22.7	22.5	22.3	22.1
21.9	21.7	21.5	21.3	21.1	20.9	20.7
20.5	20.3	20.1	19.9	19.8	19.6	19.4
19.2	19.0	18.8	18.7	18.5	18.3	18.1
18.0	17.8	17.6	17.5	17.3	17.2	17.0
16.8	16.7	16.5	16.4	16.2	16.1	15.9
15.8	15.6	15.5	15.3	15.2	15.0	14.9
14.8	14.6	14.5	14.4	14.2	14.1	14.0
13.8	13.7	13.6	13.4	13.3	13.2	13.1
12.9	12.8	12.7	12.6	12.5	12.3	12.2
12.1	12.0	11.9	11.8	11.7	11.6	11.5
11.3	11.2	11.1	11.0	10.9	10.8	10.7
10.6	10.5	10.4	10.3	10.2	10.1	10.0
9.9	9.9	9.8	9.7	9.6	9.5	9.4
9.3	9.2	9.1	9.1	9.0	8.9	8.8
8.7	8.6	8.6	8.5	8.4	8.3	8.2
8.2	8.1	8.0	7.9	7.9	7.8	7.7
7.6	7.6	7.5	7.4	7.4	7.3	7.2
7.2	7.1	7.0	7.0	6.9	6.8	6.8
6.7	6.6	6.6	6.5	6.5	6.4	6.3
6.3	6.2	6.2	6.1	6.0	6.0	5.9
5.9	5.8	5.8	5.7	5.7	5.6	5.6
5.5	5.5	5.4	5.4	5.3	5.3	5.2
5.2	5.1	5.1	5.0	5.0	4.9	4.9
4.8	4.8	4.7	4.7	4.6	4.6	4.6
4.5	4.5	4.4	4.4	4.4	4.3	4.3
4.2	4.2	4.2	4.1	4.1	4.0	4.0
4.0	3.9	3.9	3.9	3.8	3.8	3.7
3.7	3.7	3.6	3.6	3.6	3.5	3.5

Activity in Tera-Bequerels						
Date	Date +1	Date +2	Date +3	Date +4	Date +5	Date +6
Aug-29-12	3.92	3.88	3.85	3.81	3.78	3.74
Sep-05-12	3.67	3.64	3.60	3.57	3.54	3.50
Sep-12-12	3.44	3.40	3.37	3.34	3.31	3.28
Sep-19-12	3.22	3.19	3.16	3.13	3.10	3.07
Sep-26-12	3.01	2.98	2.96	2.93	2.90	2.87
Oct-03-12	2.82	2.79	2.77	2.74	2.72	2.69
Oct-10-12	2.64	2.62	2.59	2.57	2.54	2.52
Oct-17-12	2.47	2.45	2.43	2.40	2.38	2.36
Oct-24-12	2.32	2.29	2.27	2.25	2.23	2.21
Oct-31-12	2.17	2.15	2.13	2.11	2.09	2.07
Nov-07-12	2.03	2.01	1.99	1.97	1.95	1.94
Nov-14-12	1.90	1.88	1.86	1.85	1.83	1.81
Nov-21-12	1.78	1.76	1.75	1.73	1.71	1.70
Nov-28-12	1.67	1.65	1.63	1.62	1.60	1.59
Dec-05-12	1.56	1.54	1.53	1.52	1.50	1.49
Dec-12-12	1.46	1.45	1.43	1.42	1.41	1.39
Dec-19-12	1.37	1.35	1.34	1.33	1.32	1.30
Dec-26-12	1.28	1.27	1.25	1.24	1.23	1.22
Jan-02-13	1.20	1.19	1.17	1.16	1.15	1.14
Jan-09-13	1.12	1.11	1.10	1.09	1.08	1.07
Jan-16-13	1.05	1.04	1.03	1.02	1.01	1.00
Jan-23-13	0.98	0.97	0.96	0.95	0.94	0.93
Jan-30-13	0.92	0.91	0.90	0.89	0.89	0.88
Feb-06-13	0.86	0.85	0.84	0.84	0.83	0.82
Feb-13-13	0.81	0.80	0.79	0.78	0.78	0.77
Feb-20-13	0.75	0.75	0.74	0.73	0.73	0.72
Feb-27-13	0.71	0.70	0.69	0.69	0.68	0.67
Mar-06-13	0.66	0.65	0.65	0.64	0.64	0.63
Mar-13-13	0.62	0.61	0.61	0.60	0.59	0.59
Mar-20-13	0.58	0.57	0.57	0.56	0.56	0.55
Mar-27-13	0.54	0.54	0.53	0.53	0.52	0.51
Apr-03-13	0.51	0.50	0.50	0.49	0.49	0.48
Apr-10-13	0.47	0.47	0.46	0.46	0.46	0.45
Apr-17-13	0.44	0.44	0.44	0.43	0.43	0.42
Apr-24-13	0.41	0.41	0.41	0.40	0.40	0.39
May-01-13	0.39	0.38	0.38	0.38	0.37	0.37
May-08-13	0.36	0.36	0.36	0.35	0.35	0.34
May-15-13	0.34	0.34	0.33	0.33	0.33	0.32
May-22-13	0.32	0.31	0.31	0.31	0.31	0.30
May-29-13	0.30	0.29	0.29	0.29	0.29	0.28
Jun-05-13	0.28	0.28	0.27	0.27	0.27	0.26
Jun-12-13	0.26	0.26	0.26	0.25	0.25	0.25
Jun-19-13	0.24	0.24	0.24	0.24	0.23	0.23
Jun-26-13	0.23	0.23	0.22	0.22	0.22	0.21
Jul-03-13	0.21	0.21	0.21	0.21	0.20	0.20
Jul-10-13	0.20	0.20	0.19	0.19	0.19	0.19
Jul-17-13	0.19	0.18	0.18	0.18	0.18	0.18
Jul-24-13	0.17	0.17	0.17	0.17	0.17	0.16
Jul-31-13	0.16	0.16	0.16	0.16	0.16	0.15
Aug-07-13	0.15	0.15	0.15	0.15	0.15	0.14
Aug-14-13	0.14	0.14	0.14	0.14	0.14	0.13
Aug-21-13	0.13	0.13	0.13	0.13	0.13	0.12