
***** P E A K A N A L Y S I S R E P O R T *****

Detector Name: MIT2

Sample Title: Sample title.

Peak Analysis Performed on: 10/12/2016 11:28:09 AM

Peak Analysis From Channel: 1

Peak Analysis To Channel: 8192

Peak No.	ROI start	ROI end	Peak centroid	Energy (keV)	FWHM (keV)	Net Peak Area	Net Area Uncert.	Continuum Counts
1	28-	55	41.38	10.18	1.98	6.19E+003	178.69	6.47E+003
2	276-	297	287.01	71.33	2.08	1.04E+003	135.09	4.58E+003
3	358-	383	373.35	92.83	2.08	7.27E+002	151.78	5.24E+003
4	737-	756	746.88	185.84	1.24	5.75E+002	115.24	3.62E+003
5	945-	967	958.61	238.57	1.66	3.49E+002	114.07	3.26E+003
6	1149-	1164	1156.23	287.79	0.31	-1.18E+000	69.29	1.60E+003
7	1353-	1367	1359.43	338.40	0.49	1.09E+002	59.36	1.18E+003
8	1400-	1423	1413.97	351.98	0.93	2.16E+002	87.14	1.84E+003
9	2036-	2068	2052.20	510.94	2.33	1.54E+003	94.90	1.46E+003
10	2332-	2354	2343.41	583.46	1.26	3.72E+002	56.92	7.39E+002
11	2439-	2458	2448.13	609.54	1.40	1.88E+002	51.40	6.98E+002
12	3452-	3466	3458.11	860.99	0.35	7.51E+001	28.05	2.45E+002
13	3649-	3672	3660.76	911.43	2.08	2.60E+002	45.42	4.50E+002
14	3884-	3903	3893.19	969.26	0.63	9.38E+001	35.96	3.41E+002
15	4492-	4514	4500.77	1120.38	1.44	1.31E+002	38.06	3.38E+002
16	4762-	4776	4769.18	1187.11	0.63	1.01E+001	22.14	1.67E+002
17	4965-	4984	4974.06	1238.03	0.62	4.09E+001	29.68	2.39E+002
18	5853-	5888	5871.00	1460.77	2.44	2.06E+003	57.15	2.19E+002
19	7080-	7105	7092.49	1763.54	2.33	2.17E+002	23.38	7.76E+001

M = First peak in a multiplet region

m = Other peak in a multiplet region

F = Fitted singlet

Errors quoted at 1.000 sigma

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22.01 Introduction to Nuclear Engineering and Ionizing Radiation

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