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

Detector Name: MIT1

Sample Title: Sample title.

Peak Analysis Performed on: 2/15/2019 11:21:45 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
M	1	10-	56	24.74	6.21	1.88	6.20E+004	299.54	6.66E+003
m	2	10-	56	33.75	8.46	1.89	6.67E+004	311.84	1.40E+004
m	3	10-	56	45.91	11.50	1.90	7.89E+004	318.57	2.31E+004
	4	182-	195	187.16	46.79	0.73	9.91E+002	170.53	1.02E+004
	5	208-	220	215.19	53.80	0.88	2.78E+002	157.91	9.36E+003
	6	243-	259	254.01	63.50	0.88	1.87E+003	210.30	1.35E+004
M	7	293-	314	300.86	75.20	0.62	5.05E+002	74.54	7.44E+003
m	8	293-	314	309.29	77.31	0.62	4.80E+002	74.91	8.44E+003
	9	334-	344	338.70	84.66	0.43	2.76E+002	164.44	1.12E+004
M	10	363-	404	371.39	92.83	1.16	4.24E+003	131.53	1.59E+004
m	11	363-	404	396.42	99.08	1.17	3.25E+002	96.67	1.61E+004
	12	568-	583	576.38	144.05	0.87	5.34E+002	231.45	1.76E+004
	13	736-	755	744.04	185.95	1.03	2.85E+003	255.08	1.77E+004
	14	834-	847	838.45	209.54	0.87	2.16E+002	175.52	1.11E+004
	15	949-	961	955.46	238.78	0.96	2.04E+003	160.77	9.03E+003
	16	1171-	1190	1181.90	295.36	1.17	1.21E+003	183.84	9.31E+003
	17	1308-	1320	1313.06	328.14	0.84	2.64E+002	119.35	5.30E+003
	18	1347-	1360	1353.72	338.30	1.07	4.46E+002	125.23	5.53E+003
	19	1396-	1415	1408.62	352.01	1.15	1.83E+003	164.88	7.24E+003
	20	1848-	1865	1853.31	463.14	0.61	1.29E+002	118.65	4.28E+003
	21	2032-	2057	2044.56	510.93	2.22	6.91E+003	176.54	5.71E+003
	22	2204-	2216	2209.23	552.07	0.75	1.73E+001	78.64	2.34E+003
	23	2321-	2346	2333.53	583.14	1.27	1.84E+003	140.56	4.22E+003
	24	2427-	2446	2438.20	609.29	1.26	2.28E+003	115.66	3.17E+003
	25	2903-	2919	2910.33	727.27	1.23	4.38E+002	82.01	2.00E+003
	26	3069-	3082	3074.85	768.38	1.01	7.38E+001	68.84	1.69E+003
M	27	3167-	3220	3181.29	794.98	2.19	4.89E+002	50.55	2.51E+003
m	28	3167-	3220	3212.93	802.88	2.19	1.93E+002	42.65	2.15E+003
	29	3436-	3456	3443.09	860.40	1.01	3.77E+002	83.92	1.83E+003
M	30	3612-	3659	3618.97	904.34	1.55	1.05E+002	32.51	1.38E+003
m	31	3612-	3659	3646.40	911.20	1.56	1.76E+003	55.60	1.49E+003
	32	3732-	3750	3739.33	934.42	1.15	7.91E+001	72.37	1.52E+003
M	33	3855-	3889	3861.13	964.86	1.55	2.59E+002	35.52	1.38E+003
m	34	3855-	3889	3877.84	969.03	1.55	9.78E+002	47.29	1.55E+003
	35	3995-	4018	4008.67	1001.72	1.34	2.45E+002	82.70	1.65E+003
	36	4469-	4497	4483.87	1120.47	1.76	9.65E+002	96.12	1.79E+003
	37	4687-	4709	4695.36	1173.32	1.10	2.85E+002	75.06	1.38E+003
	38	4946-	4964	4956.32	1238.52	1.59	3.83E+002	65.09	1.14E+003
M	39	5507-	5553	5514.95	1378.12	1.46	2.25E+002	27.02	5.62E+002
m	40	5507-	5553	5546.78	1386.07	1.46	8.37E+001	20.98	4.90E+002
M	41	5601-	5643	5610.29	1401.94	1.85	1.32E+002	23.65	5.60E+002
m	42	5601-	5643	5634.71	1408.04	1.85	1.47E+002	25.62	6.31E+002

	Peak No.	ROI start	ROI end	Peak centroid	Energy (keV)	FWHM (keV)	Net Peak Area	Net Area Uncert.	Continuum Counts
	43	5833-	5862	5847.78	1461.29	1.78	1.17E+004	123.69	7.62E+002
	44	6035-	6053	6042.10	1509.84	0.62	1.54E+002	38.27	3.82E+002
	45	6117-	6128	6122.46	1529.93	0.37	5.41E+001	24.22	2.12E+002
	46	6243-	6256	6249.36	1561.64	0.28	1.77E+001	28.00	2.78E+002
M	47	6345-	6389	6358.08	1588.80	2.27	2.49E+002	23.91	4.66E+002
m	48	6345-	6389	6375.67	1593.20	2.27	4.12E+002	28.19	4.95E+002
	49	6482-	6502	6489.36	1621.61	1.38	1.30E+002	38.23	3.66E+002
	50	6515-	6537	6528.09	1631.29	1.05	1.52E+002	40.73	3.88E+002
	51	6645-	6658	6651.41	1662.10	0.42	7.95E+001	25.66	2.07E+002
	52	6910-	6936	6924.78	1730.41	1.56	1.71E+002	44.07	4.05E+002
	53	7054-	7080	7064.74	1765.38	1.78	1.11E+003	54.21	4.08E+002
	54	7174-	7189	7182.74	1794.87	0.25	-7.10E+000	25.22	2.14E+002
	55	7384-	7407	7399.94	1849.15	2.32	2.22E+002	37.81	3.01E+002

M = First peak in a multiplet region

m = Other peak in a multiplet region

F = Fitted singlet

Errors quoted at 1.000 sigma