

Radiological Survey Sheet

Job Location Pfizer Central Research Grafton 118/W209 Page 1 of 18
 Survey Purpose Radiological Assessment Date 6/21/01
 Performed By Pam Jones (Print) Pam Jones (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7060743	Inst.(2) <u>Ludlum 224-2</u> (Model/SN) <u>#163603</u>	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. <u>Ludlum 43-68</u> (Model/SN) <u>#PR149613</u>	Det. (Model/SN)
Eff. See LSC Printout	Eff. <u>≈ 8% CIH</u>	Eff. <u>NA</u>
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. <u>300 cpm</u>	Bkgd.
Cal. Due: 5/1/02	Cal. Due <u>1/20/02</u>	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.		<u>door</u>	1	See attached LSC Printout
2.		<u>wall</u>	1	
3.		<u>"</u>	1	
4.		<u>"</u>	1	
5.		<u>left out. hood</u>	1	
6.		<u>top front</u>	1	
7.		<u>bot. front</u>	1	
8.		<u>right side</u>	1	
9.		<u>counter</u>	1	
10.		<u>lip</u>	1	
11.		<u>wall</u>	1	
12.		<u>floor</u>	1	
13.			1	
14.			1	
15.			1	
16.			1	
17.			1	
18.		<u>top shelf</u>	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19		shelf	1	See attached LSC Printout
20		"	1	
21		bot. shelf	1	
22		top shelf	1	
23		shelf	1	
24		"	1	
25		bot. shelf	1	
26		top shelf	1	
27		shelf	1	
28		"	1	
29		bot. shelf	1	
30		desk top	1	
31		shelf	1	
32		desk top	1	
33		top shelf	1	
34		shelf	1	
35		bot. shelf	1	
36		top shelf	1	
37		shelf	1	
38		bot. shelf	1	
39		counter	1	
40		"	1	
41		cup sink	1	
42		sink counter	1	
43		sides of sink	1	
44		bottom	1	
45		drain	1	
46		out. drains	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47		top drawer	1	See attached LSC Printout
48		drawer	1	
49		bot. drawer	1	
50		drawer	1	
51		out. drawer	1	
52		top drawer	1	
53		drawer	1	
54		top shelf	1	
55		bot. shelf	1	
56		drawer	1	
57		out. drawer	1	
58		top left drawer	1	
59		drawer	1	
60		top rt. drawer	1	
61		drawer	1	
62		"	1	
63		bot. drawer	1	
64		out. cabinet	1	
65		left	1	
66		bottom	1	
67		right	1	
68		count-off bottle	1	
69		flask green	1	
70		flask red	1	
71		floor	1	
72			1	
73			1	
74			1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75		Floor	1	See attached LSC Printout
76			1	
77			1	
78			1	
79			1	
80		Computer cabinet	1	
81		Monitor	1	
82		Keyboard	1	
83		disk drive	1	
84		counter	1	
85		"	1	
86		"	1	
87		desk shelf	1	
88		desk top	1	
89		out. drawers	1	
90		top drawer	1	
91		drawer	1	
92		"	1	
93		bot. drawer	1	
94		drawer	1	
95		out. drawers	1	
96		top drawer	1	
97		drawer	1	
98		"	1	
99		bot. drawer	1	
100		drawer	1	
101		out. drawers	1	
102		top drawer	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100)
103		drawer	1	See attached LSC Printout
104		top shelf	1	
105		bot. shelf	1	
106		drawer	1	
107		out. drawers	1	
108		top drawer	1	
109		drawer	1	
110		bot. drawer	1	
111		out. shelves	1	
112		top shelf	1	
113		shelf	1	
114		bot. shelf	1	
115		wall	1	
116		counter	1	
117		sink counter	1	
118		sides of sink	1	
119		bottom	1	
120		drain	1	
121		out. drawers	1	
122		second drawer	1	
123		drawer	1	
124		bot. drawer	1	
125		out. cabinet	1	
126		left	1	
127		bottom	1	
128		right	1	
129		hood (left side) w/ towel dispenser	1	
130		rack (crate)	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131		two-hand cleaner	1	See attached LSC Printout
132		left outside hood	1	
133		top	1	
134		right ↓	1	
135		glass handles	1	
136		ledge	1	
137		left inside hood	1	
138		top back	1	
139		middle back	1	
140		bottom back	1	
141		right side	1	
142		left counter	1	
143		right counter	1	
144		cold sink	1	
145		out. cabinet	1	
146		left	1	
147		bottom	1	
148		right	1	
149		top	1	
150		container	1	
151		out. cabinet	1	
152		left	1	
153		bottom	1	
154		right	1	
155		top	1	
156		ledge	1	
157		out drawer	1	
158		top drawer	1	

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No.	Time	Location		dpm/l
159		drawer	1	
160		"	1	Printout
161		bot. drawer	1	
162		out. drawers	1	
163		top drawer	1	
164		drawer	1	
165		"	1	
166		bot. drawer	1	
167		top drawer	1	
168		drawer	1	
169		"	1	
170		bot. drawer	1	
171		top shelf	1	
172		shelf	1	
173		bot. shelf	1	
174		top shelf	1	
175		shelf	1	
176		bot. shelf	1	
177		counter	1	
178		"	1	
179		"	1	
180		cup/dink	1	
181		white tray	1	
182		magnets	1	
183		yellow tray	1	
184		" "	1	
185		3H liq cont.	1	✓ * rad waste
186		35S " "	1	✓ * rad waste

Radiological Survey Continuation Sheet

No.	Time	Location	Inst. Used	
187		sm. beta box	1	See attached LSC Printout
188		beta box w/lead	1	
189		beta box 3H	1	
190		125 box	1	
191		sm. 125I box	1	
192		funnel	1	✓* rad waste
193		plastic tray	1	
194		"	1	
195		"	1	
196		rad donut	1	
197		3H plate	1	
198		125I plate	1	
199		la. shield	1	
200		card board	1	
201		card board top	1	
202		out. drawer	1	
203		top drawer	1	
204		drawer	1	
205		left	1	
206		bottom	1	
207		right	1	
208		drawer	1	
209		out. drawer	1	
210		top drawer	1	
211		drawer	1	
212		"	1	
213		bottom drawer	1	
214		drawer	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215		out. drawers	1	See attached LSC Printout
216		top drawer	1	
217		drawer	1	
218		top shelf	1	
219		bottom shelf	1	
220		end of counters	1	
221		floor	1	
222			1	
223			1	
224			1	
225			1	
226		↓	1	
227		FLOOR	1	
228			1	
229			1	
230			1	
231		↓	1	
232		counter	1	
233		"	1	
234		"	1	
235		desk shelf	1	
236		desktop	1	
237		out. drawers	1	
238		top drawer	1	
239		drawer	1	
240		top shelf	1	
241		out. shelf	1	
242		out. drawers	1	

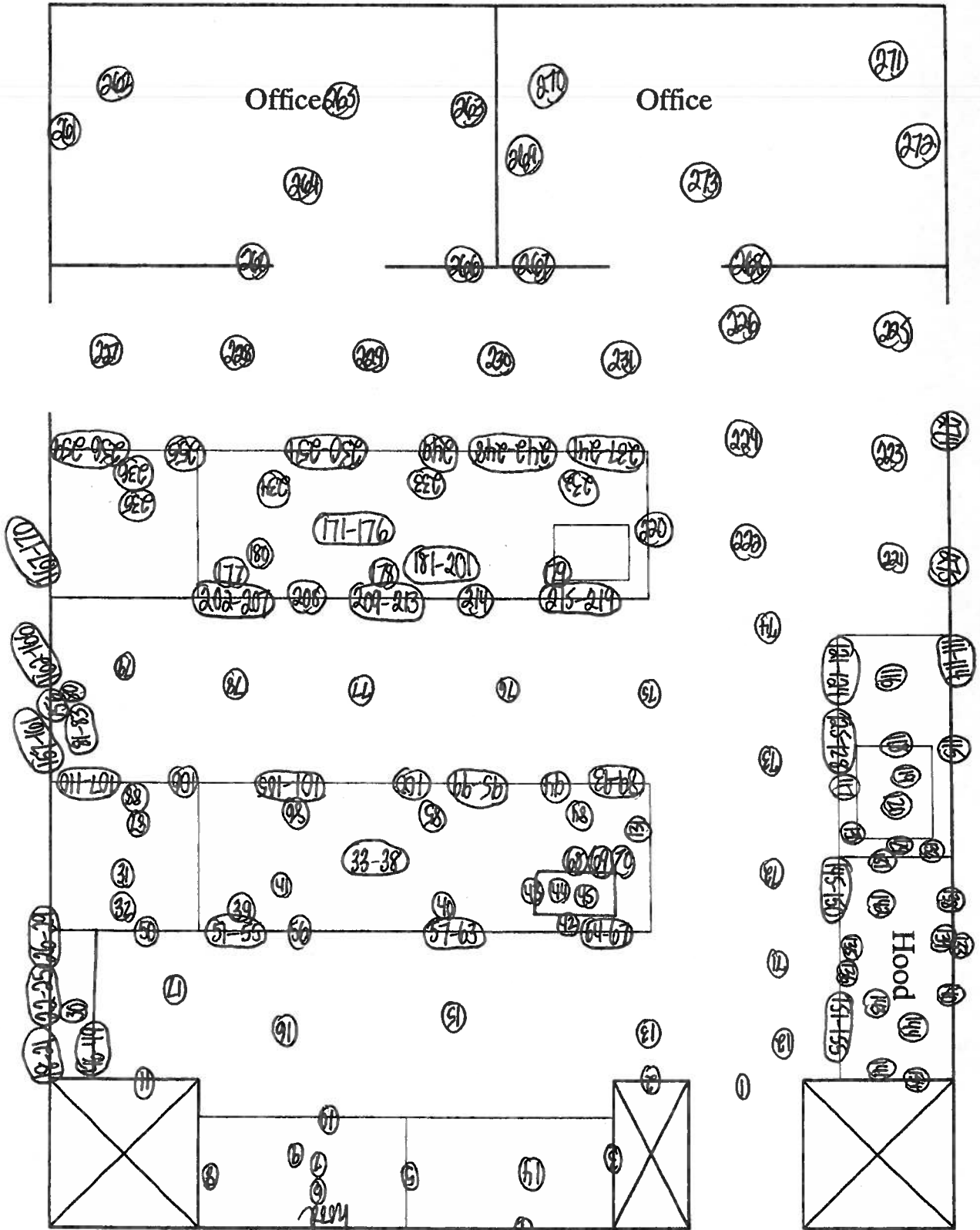
Radiological Survey Continuation Sheet

No.	Time	Location		
243		top left drawer	1	attached
244		drawer	1	
245		top rt. drawer	1	
246		drawer	1	
247		"		
248		bot. drawer	1	
249		drawer	1	
250		out. drawers	1	
251		top drawer	1	
252		drawer	1	
253		top shelf	1	
254		bot. shelf	1	
255		drawer	1	
256		out. drawers	1	
257		top drawer	1	
258		drawer	1	
259		bot. drawer	1	
260		door	1	
261		shelves	1	
262		desk	1	
263		shelves	1	
264		floor	1	
265		chair	1	
266		left cabinet	1	
267		right cabinet	1	
268		door	1	
269		shelves	1	
270		desk	1	

Bld. 118W Room W209

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O = wipe location

Surveyed 100% of all areas using instrument #2.
All areas were found to be at a level of normal background.

ID: EQUIPMENT SURVY

22 JUN 2001 12:49

USER: 2 COMMENT: EQUIPMENT SURVEY

PRESET TIME : 1.00
 A CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT
 TWO PHASE : NO AGC : YES CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: YES LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 13.688 High: 306.34

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
B1	69.8	17.00	10.00	34.00	29.91	13.06	
		Blank Average DPM for		3H :	29.91	COEF.	0.000
		Blank Average DPM for		14C :	13.06	COEF.	0.000
1	71.7	9.00	5.00	31.00	15.05	0.00	
2	68.1	10.00	11.00	32.00	16.00	0.00	
3	70.1	10.00	10.00	32.00	16.00	0.00	
4	70.1	10.00	10.00	32.00	16.00	0.00	
5	70.1	10.00	10.00	32.00	16.00	0.00	
6	70.1	10.00	10.00	32.00	16.00	0.00	
7	70.1	10.00	10.00	32.00	16.00	0.00	
8	70.1	10.00	10.00	32.00	16.00	0.00	
9	70.1	10.00	10.00	32.00	16.00	0.00	
10	70.1	10.00	10.00	32.00	16.00	0.00	
11	70.1	10.00	10.00	32.00	16.00	0.00	
12	70.1	10.00	10.00	32.00	16.00	0.00	
13	72.7	15.00	11.00	45.00	8.81	1.31	1.19
14	76.8	14.00	10.00	31.00	-6.91	4.10	2.68
15	75.0	10.00	10.00	37.00	2.81	0.01	1.49
16	74.0	15.00	13.00	39.00	3.87	4.03	2.09
17	74.9	13.00	9.00	34.00	-7.18	-1.24	2.27
18	69.7	14.00	11.00	36.00	-6.65	1.38	1.47
19	69.7	19.00	6.00	35.00	6.05	-5.36	1.99
20	69.7	13.00	13.00	42.00	-9.68	4.06	1.39
21	72.3	17.00	18.00	48.00	-3.65	10.69	1.38
22	71.8	19.00	11.00	38.00	3.91	1.31	2.20
23	70.6	12.00	13.00	31.00	-11.66	4.08	1.90
24	69.9	21.00	7.00	41.00	9.68	-4.06	1.94
25	70.5	12.00	9.00	31.00	-9.68	-1.25	1.87
26	72.4	20.00	10.00	39.00	6.57	-0.03	1.54
27	71.2	10.00	8.00	29.00	-13.25	-2.55	1.77
28	70.0	20.00	20.00	49.00	1.26	13.29	1.61
29	70.6	17.00	7.00	33.00	1.59	-4.00	1.90
30	71.9	12.00	14.00	36.00	-12.04	5.43	2.22
31	72.8	10.00	5.00	23.00	-11.63	-6.55	2.80
32	71.7	17.00	6.00	34.00	2.24	-5.33	2.17
33	75.5	15.00	9.00	31.00	-2.91	-1.27	2.27
34	77.6	17.00	11.00	42.00	0.58	1.38	1.27
35	74.2	11.00	12.00	31.00	-12.95	2.79	1.48
36	80.4	13.00	10.00	35.00	-7.09	0.13	3.07

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
37	77.2	17.00	4.00	39.00	3.55	-7.99	1.96
38	71.4	16.00	11.00	37.00	-5.25	5.43	2.08
39	71.4	20.00	11.00	37.00	5.96	1.30	2.05
40	72.5	14.00	6.00	29.00	0.29	-5.31	2.69
41	73.8	17.00	9.00	32.00	1.04	-1.31	2.72
42	75.3	19.00	15.00	44.00	2.42	6.68	2.21
43	70.8	22.00	10.00	41.00	10.43	-0.07	2.50
44	69.8	15.00	9.00	27.00	-3.61	-1.30	1.62
45	71.9	25.00	9.00	42.00	17.32	1.45	1.62
46	72.3	20.00	8.00	34.00	9.05	-6.71	2.15
47	70.7	20.00	10.00	34.00	6.22	-0.04	1.74
48	69.7	18.00	9.00	34.00	-13.08	-1.22	1.31
49	72.9	9.00	11.00	32.00	-16.70	1.48	2.71
50	70.4	17.00	11.00	29.00	-4.53	1.37	2.14
51	70.9	17.00	11.00	29.00	-0.35	1.34	1.33
52	73.3	18.00	8.00	30.00	-6.88	-2.59	1.51
53	70.9	18.00	11.00	34.00	1.71	1.32	1.55
54	73.0	15.00	8.00	37.00	-2.72	-2.62	1.43
55	69.7	21.00	8.00	43.00	9.16	-2.73	1.47
56	74.0	15.00	7.00	36.00	-2.10	-3.95	1.67
57	75.1	12.00	11.00	27.00	-10.28	1.45	1.99
58	69.6	15.00	12.00	36.00	-5.10	2.70	1.49
59	74.2	19.00	8.00	35.00	5.78	-2.68	2.46
60	69.0	21.00	12.00	40.00	7.08	2.60	2.05
61	71.0	16.00	12.00	40.00	-2.89	2.69	2.09
62	70.7	18.00	9.00	32.00	2.67	-1.34	2.92
63	71.2	20.00	10.00	38.00	6.37	-0.04	1.41
64	75.3	18.00	9.00	40.00	3.36	-1.32	1.78
65	69.4	14.00	11.00	33.00	-6.68	1.38	1.90
66	73.9	10.00	9.00	29.00	-13.55	-1.20	1.67
67	71.2	13.00	9.00	33.00	-7.56	-1.26	1.58
68	69.5	14.00	8.00	31.00	-5.19	-2.62	1.66
69	94.6	19.00	14.00	43.00	6.23	5.51	1.86
70	89.0	20.00	8.00	43.00	10.74	-2.64	1.52
71	81.7	10.00	10.00	26.00	-13.47	0.19	2.77
72	71.3	12.00	15.00	32.00	-12.59	6.76	1.83
73	75.0	18.00	13.00	44.00	1.30	4.02	1.29
74	75.9	7.00	5.00	20.00	-17.69	-6.49	3.86
75	78.4	18.00	5.00	33.00	5.92	-6.66	1.88
76	73.9	11.00	9.00	29.00	-11.47	-1.22	1.96
77	73.6	17.00	11.00	35.00	0.01	1.36	1.86
78	72.3	11.00	10.00	31.00	-12.10	0.11	2.52
79	81.3	20.00	5.00	33.00	10.75	-6.69	2.40
80	73.3	19.00	7.00	33.00	6.15	-4.02	1.95
81	72.8	14.00	11.00	36.00	-6.32	1.40	2.06
82	81.4	17.00	13.00	36.00	0.08	4.09	1.68
83	79.1	18.00	5.00	31.00	6.05	-6.66	1.88
84	72.3	17.00	8.00	39.00	1.33	-2.66	1.26
85	77.0	14.00	8.00	34.00	-4.34	-2.59	2.34
86	76.7	13.00	10.00	35.00	-7.50	0.10	2.55
87	74.8	13.00	9.00	33.00	-7.19	-1.24	1.46
88	75.0	23.00	17.00	46.00	9.77	9.29	1.68
89	75.2	18.00	15.00	42.00	0.32	6.70	1.22
90	71.5	19.00	13.00	44.00	2.87	3.98	1.02
91	72.7	20.00	13.00	46.00	5.12	3.97	1.19
92	72.3	15.00	6.00	28.00	-1.81	-5.29	1.45
93	72.8	14.00	10.00	31.00	-5.82	0.07	1.49
94	74.8	13.00	13.00	35.00	-9.21	4.10	1.25

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
55	71.0	11.00	11.00	29.00	-12.69	1.44	2.16
	74.6	13.00	12.00	40.00	-8.73	2.76	2.07
97	74.9	18.00	11.00	40.00	2.29	1.35	1.15
98	70.7	23.00	10.00	46.00	12.47	-0.09	1.24
99	71.6	21.00	7.00	35.00	9.99	-4.06	1.55
100	75.9	11.00	5.00	27.00	-9.26	-6.55	2.21
101	74.1	18.00	10.00	40.00	2.68	0.01	1.54
102	69.7	12.00	10.00	32.00	-10.25	0.08	1.71
103	72.9	20.00	13.00	48.00	5.16	3.97	0.91
104	73.3	18.00	12.00	37.00	1.55	2.67	1.09
105	72.2	20.00	5.00	35.00	9.03	-6.71	1.09
106	71.3	22.00	11.00	46.00	10.03	1.26	0.98
107	71.8	14.00	7.00	29.00	-4.44	-3.94	1.60
108	69.9	16.00	13.00	37.00	-3.51	4.02	1.57
109	72.9	14.00	6.00	26.00	-3.81	-5.27	2.05
110	72.6	15.00	7.00	36.00	-2.28	-3.96	1.77
111	69.9	17.00	12.00	38.00	-0.97	2.67	1.43
112	78.5	19.00	9.00	36.00	6.01	-1.32	1.88
113	72.8	9.00	7.00	19.00	-14.71	-3.86	3.30
114	73.1	16.00	14.00	41.00	-3.63	5.38	1.51
115	74.0	3.00	3.00	20.00	-25.15	-9.10	2.60
116	77.9	8.00	5.00	20.00	-15.45	-6.50	3.61
117	77.5	19.00	8.00	38.00	6.34	-2.67	3.56
118	71.3	11.00	10.00	34.00	-12.17	0.10	1.57
119	75.1	17.00	3.00	30.00	4.26	-9.33	2.25
120	85.2	15.00	13.00	34.00	-3.77	4.15	3.78
	76.9	15.00	10.00	31.00	-3.25	0.07	2.00
	73.9	15.00	10.00	40.00	-3.62	0.06	1.10
123	73.9	8.00	10.00	28.00	-18.23	0.17	1.89
124	75.0	13.00	3.00	28.00	-4.13	-9.26	2.32
125	74.0	17.00	12.00	46.00	-0.43	2.70	1.27
126	70.7	10.00	9.00	24.00	-13.78	-1.22	3.38
127	74.2	13.00	15.00	43.00	-10.28	6.77	1.32
128	71.8	10.00	16.00	40.00	-17.18	8.13	1.16
129	70.3	12.00	9.00	32.00	-9.70	-1.25	1.73
130	75.3	21.00	9.00	44.00	9.67	-1.37	1.15
131	76.7	14.00	8.00	32.00	-4.37	-2.59	1.74
132	73.4	21.00	12.00	41.00	7.82	2.63	0.96
133	76.8	22.00	11.00	39.00	11.04	1.30	1.94
134	70.9	10.00	9.00	30.00	-13.77	-1.22	2.38
135	73.3	19.00	11.00	43.00	4.15	1.32	1.27
136	85.6	14.00	9.00	30.00	-3.78	-1.20	3.91
137	76.4	15.00	10.00	30.00	-3.31	0.07	2.85
138	70.6	16.00	2.00	26.00	2.01	-10.65	2.78
139	75.1	16.00	12.00	37.00	-2.38	2.72	1.54
140	76.0	16.00	22.00	49.00	-7.36	16.10	1.30
141	74.0	21.00	6.00	39.00	10.95	-5.38	1.12
142	74.6	20.00	13.00	39.00	5.43	3.99	1.46
143	81.9	21.00	6.00	36.00	12.52	-5.37	3.48
144	75.1	17.00	12.00	37.00	-0.28	2.70	1.64
145	83.0	13.00	13.00	39.00	-8.41	4.17	1.47
	74.2	16.00	7.00	39.00	0.02	-3.97	1.57
	76.0	20.00	11.00	40.00	6.67	1.32	1.07
148	80.9	13.00	12.00	32.00	-8.10	2.81	1.39
149	80.1	13.00	7.00	34.00	-5.58	-3.90	1.47
150	70.5	16.00	10.00	36.00	-1.96	0.02	1.57
151	74.2	18.00	6.00	35.00	4.71	-5.34	1.54
152	74.1	22.00	8.00	36.00	12.05	-2.73	1.56

SAM NO	HH	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
155	73.7	12.00	7.00	34.00	0.45	-3.96	1.89
156	78.7	12.00	4.00	29.00	4.34	-7.99	2.61
157	72.4	12.00	9.00	29.00	-9.52	-1.24	1.98
158	70.2	18.00	7.00	36.00	3.58	-4.01	1.71
159	73.8	15.00	8.00	31.00	-2.63	-2.62	1.68
160	72.2	14.00	7.00	30.00	-4.39	-3.94	1.92
161	73.3	15.00	8.00	27.00	-2.68	-2.62	1.67
162	74.2	14.00	12.00	35.00	-6.68	2.75	2.50
163	75.6	14.00	15.00	39.00	-8.05	6.77	0.98
164	73.7	17.00	6.00	34.00	2.54	-5.32	2.76
165	74.9	20.00	10.00	37.00	7.00	-0.02	1.73
166	74.5	17.00	11.00	40.00	0.14	1.36	1.54
167	74.8	15.00	8.00	37.00	3.81	-2.65	1.81
168	73.6	17.00	8.00	32.00	3.03	-6.66	2.04
169	75.7	20.00	2.00	41.00	8.14	-2.69	1.37
170	80.3	20.00	4.00	37.00	11.06	-0.03	1.31
171	74.6	25.00	11.00	42.00	10.92	1.23	1.30
172	76.5	10.00	8.00	32.00	2.87	2.35	1.50
173	77.6	10.00	8.00	32.00	2.87	2.35	1.50
174	77.6	10.00	8.00	32.00	2.87	2.35	1.50
175	77.6	10.00	8.00	32.00	2.87	2.35	1.50
176	77.6	10.00	8.00	32.00	2.87	2.35	1.50
177	77.6	10.00	8.00	32.00	2.87	2.35	1.50
178	77.6	10.00	8.00	32.00	2.87	2.35	1.50
179	77.6	10.00	8.00	32.00	2.87	2.35	1.50
180	77.6	10.00	8.00	32.00	2.87	2.35	1.50
181	91.8	34.00	13.00	58.00	40.55	3.87	2.49
182	77.2	24.00	7.00	40.00	17.42	-4.09	1.50
183	78.8	22.00	13.00	45.00	10.41	3.99	2.26
184	81.7	16.00	14.00	37.00	-2.56	5.45	2.95
185	84.8	134.00	10.00	152.00	259.94	-1.93	0.56
186	80.3	32.00	53.00	95.00	11.39	57.45	1.06
187	78.8	21.00	19.00	43.00	5.17	12.04	2.43
188	96.4	20.00	19.00	50.00	6.06	12.27	2.36
189	85.1	28.00	16.00	57.00	23.30	7.96	1.73
190	81.5	19.00	8.00	34.00	7.06	-2.65	2.69
191	82.3	20.00	19.00	52.00	3.58	12.10	1.75
192	86.7	8646.00	2075.00	10733.00	18078.72	2627.41	0.01
193	79.2	27.00	13.00	54.00	21.20	3.91	1.94
194	80.2	9.00	8.00	24.00	-14.70	-2.49	3.59
195	83.8	21.00	15.00	43.00	8.14	6.73	2.02
196	83.8	17.00	11.00	43.00	1.50	1.40	1.82
197	80.8	22.00	10.00	32.00	12.37	-0.82	1.30
198	79.6	38.00	23.00	68.00	27.84	17.21	1.30
199	79.3	18.00	10.00	32.00	7.71	-1.40	1.71
200	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
201	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
202	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
203	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
204	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
205	76.2	18.00	10.00	32.00	7.71	-1.40	1.71
206	87.4	13.00	7.00	31.00	-6.79	0.14	4.54
207	81.3	11.00	12.00	39.00	-11.87	2.90	1.78
208	89.0	17.00	8.00	27.00	2.69	-2.62	4.75
209	80.8	14.00	9.00	33.00	-3.33	-1.19	4.70
210	84.2	23.00	4.00	24.00	-3.94	-7.92	2.45
			7.00	47.00	16.87	-4.05	2.76

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
	83.8	16.00	11.00	35.00	-0.70	1.44	3.89
	84.5	12.00	7.00	30.00	-7.25	-3.86	3.15
213	81.8	14.00	13.00	35.00	-6.36	4.14	4.48
214	83.6	11.00	9.00	32.00	-10.60	-1.16	3.41
215	81.7	19.00	7.00	36.00	5.45	-3.97	4.01
216	81.3	20.00	10.00	39.00	8.14	0.01	1.90
217	84.1	21.00	7.00	32.00	12.45	-4.02	5.08
218	89.5	25.00	8.00	42.00	22.11	-2.73	2.23
219	87.9	14.00	10.00	39.00	-4.02	0.15	3.38
220	82.1	14.00	5.00	29.00	-2.12	-6.59	3.06
221	86.8	24.00	7.00	43.00	20.24	-4.06	2.33
222	85.3	10.00	12.00	33.00	-14.26	2.90	3.75
223	81.6	11.00	11.00	32.00	-11.84	1.51	3.40
224	85.7	15.00	10.00	39.00	-2.08	0.12	1.75
225	85.6	18.00	5.00	30.00	7.21	-6.65	2.72
226	86.6	10.00	8.00	31.00	-12.00	-2.47	3.71
227	87.0	13.00	10.00	32.00	-6.37	0.17	4.67
228	83.1	17.00	11.00	37.00	1.39	1.42	4.30
229	90.7	12.00	5.00	26.00	-5.42	-6.53	4.13
230	89.3	13.00	15.00	40.00	-8.84	6.92	3.10
231	86.5	17.00	17.00	47.00	-1.32	9.51	1.59
232	88.0	22.00	16.00	56.00	10.64	8.09	2.07
233	84.8	14.00	11.00	35.00	-4.95	1.48	3.13
234	91.9	19.00	12.00	37.00	6.67	2.78	3.93
235	89.6	7.00	8.00	36.00	-18.50	-2.41	4.54
236	93.0	16.00	13.00	40.00	-0.41	4.20	3.84
238	86.6	23.00	5.00	38.00	1.33	0.05	1.95
239	85.2	12.00	10.00	30.00	18.52	-6.73	4.25
240	84.6	20.00	14.00	44.00	-8.78	0.17	3.35
241	86.9	14.00	9.00	32.00	6.62	5.41	2.57
242	83.7	25.00	8.00	45.00	-3.61	-1.20	2.41
243	85.1	17.00	10.00	39.00	20.61	-2.74	1.71
244	84.9	19.00	9.00	41.00	2.24	0.09	2.22
245	83.8	19.00	9.00	38.00	7.15	-1.29	3.46
246	86.7	16.00	11.00	38.00	6.95	-1.30	3.66
247	84.7	14.00	12.00	37.00	-0.27	1.46	3.12
248	84.9	16.00	7.00	32.00	-5.42	3.80	2.85
249	84.8	15.00	10.00	32.00	1.61	3.23	3.12
250	84.7	15.00	10.00	32.00	8.34	-5.33	1.72
251	84.7	15.00	10.00	32.00	11.22	-6.68	2.12
252	84.7	15.00	11.00	43.00	12.32	1.33	1.92
253	84.7	18.00	11.00	43.00	3.01	1.41	2.78
254	89.0	14.00	10.00	36.00	1.12	3.57	2.82
255	84.7	14.00	10.00	36.00	1.95	1.44	1.88
256	84.7	14.00	10.00	36.00	-4.38	5.49	2.14
257	84.7	14.00	11.00	39.00	3.05	1.38	2.34
258	86.3	9.00	13.00	23.00	-16.94	4.27	4.28
259	87.3	19.00	9.00	37.00	7.23	-1.29	3.02
260	83.8	13.00	10.00	33.00	-6.73	0.15	2.25
261	84.9	15.00	10.00	34.00	-2.20	0.12	2.97
262	84.2	9.00	13.00	38.00	-17.07	4.25	2.33
263	86.0	13.00	13.00	36.00	-8.10	4.19	2.17
264	88.2	18.00	7.00	37.00	6.62	-3.95	3.78
265	85.7	16.00	7.00	32.00	1.73	-3.93	3.87
266	91.0	20.00	11.00	40.00	9.48	1.41	3.33
267	88.4	19.00	10.00	43.00	7.26	0.07	1.37
268	83.2	22.00	11.00	48.00	10.14	1.35	1.82

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
270	90.9	13.00	8.00	30.00	-7.05	-2.49	3.91
271	87.1	17.00	9.00	34.00	3.11	-1.25	2.77
272	88.7	19.00	8.00	35.00	8.43	-2.62	2.84
273	86.2	22.00	6.00	41.00	15.67	-5.37	1.84
274	86.6	17.00	8.00	36.00	3.57	-3.89	2.50
275	77.4	8.00	12.00	27.00	-19.07	2.87	2.53