

### Radiological Survey Sheet

Job Location Pfizer Central Research Grotto 118N/1112 Page 1 of 16  
 Survey Purpose Radiological Assessment Date 1/12/01  
 Performed By Pam Jones (Print) Pam Jones (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7069448	Inst.(2) Ludlum 2241-2 (Model/SN) #137751	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) PR140899	Det. (Model/SN)
Eff. See LSC Printout	Eff. $\approx 8\%$ C-14	Eff.
Type rad. $\beta$	Type rad. $\beta$	Type rad.
Bkgd. See LSC Printout	Bkgd. 300 cpm	Bkgd.
Cal. Due: <del>12/00</del> 12/01	Cal. Due 4/28/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
1.	2:30	floor	1	See attached LSC Printout
2.		"	1	
3.		"	1	
4.		"	1	
5.		wall	1	
6.		"	1	
7.		door	1	
8.		wall	1	
9.		"	1	
10.		out. shelves	1	
11.		top shelf	1	
12.		shelf	1	
13.		bot. shelf	1	
14.		out. shelves	1	
15.		top shelf	1	
16.		shelf	1	
17.		bot. shelf	1	
18.	✓	mt. shelves	1	✓

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 Date 1/12/01

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
19		top shelf		
20		shelf	1	See attached LSC Printout
21		bot. shelf	1	
22		top shelf	1	
23		bot. shelf	1	
24		upper counter	1	
25		counter	1	
26		"	1	
27		"	1	
28		out. drawers	1	
29		top drawer	1	
30		drawer	1	
31		"	1	
32		"	1	
33		"	1	
34		bot. drawer	1	
35		out. drawers	1	
36		top drawer	1	
37		drawer	1	
38		"	1	
39		"	1	
40		"	1	
41		bot. drawer	1	
42		shelves	1	
43		drnk	1	
44		shelves	1	
45		drnk	1	
46	✓	door	1	

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Date 1/15/01

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
47	8:00	GRAB		
48		Top shelf	1	See attached LSC Printout
49		bot. shelf	1	
50		FLOOR	1	
51		"	1	
52		"	1	
53		"	1	
54		Shelves	1	
55		Out. Shelves	1	
56		Top shelf	1	
57		Shelf	1	
58		bot. shelf	1	
59		Out. Shelves	1	
60		Top shelf	1	
61		Shelf	1	
62		bot. shelf	1	
63		Out. Shelves	1	
64		Top shelf	1	
65		Shelf	1	
66		bot. shelf	1	
67		Out. Shelves	1	
68		Top shelf	1	
69		Shelf	1	
70		bot. shelf	1	
71		Upper counter	1	
72		Counter	1	
73		"	1	
74	↓	"	1	↓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
75		Out drawers	1	See attached LSC Printout
76		top drawer	1	
77		drawer	1	
78		"	1	
79		"	1	
80		"	1	
81		bot. drawer	1	
82		out. drawers	1	
83		top drawer	1	
84		drawer	1	
85		"	1	
86		"	1	
87		"	1	
88		bot. drawer	1	
89		Wall	1	
90		sink counter	1	
91		sides of sink	1	
92		bottom + drain	1	
93		out. cabinet	1	
94		left	1	
95		bottom	1	
96		right	1	
97		out. shelves	1	
98		top shelf	1	
99		shelf	1	
100		bot. shelf	1	
101		out. shelves	1	
102	✓	top shelf	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
103		Shelf	1	See attached LSC Printout
104		bot. shelf	1	
105		Out. shelves	1	
106		TOP shelf	1	
107		shelf	1	
108		bot. shelf	1	
109		Upper counter	1	
110		counter	1	
111		"	1	
112		"	1	
113		out. drawers	1	
114		top drawer	1	
115		drawer	1	
116		"	1	
117		"	1	
118		"	1	
119		bot. drawer	1	
120		out. drawers	1	
121		top drawer	1	
122		drawer	1	
123		"	1	
124		"	1	
125		"	1	
126		bot. drawer	1	
127		top shelf	1	
128		bot. shelf	1	
129		wall	1	
130	✓	glass	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
131		Shelves	1	See attached LSC Printout
132		desk	1	
133		Shelves	1	
134		desk	1	
135		floor	1	
136		"	1	
137		"	1	
138		"	1	
139		"	1	
140		"	1	
141		Wall	1	
142		"	1	
143		int. shelves	1	
144		top shelf	1	
145		shelf	1	
146		bot. shelf	1	
147		out. shelves	1	
148		top shelf	1	
149		bot. shelf	1	
150		out. shelves	1	
151		top shelf	1	
152		shelf	1	
153		bot. shelf	1	
154		upper counter	1	
155		counter	1	
156		"	1	
157		"	1	
158	✓	Caulking	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
159		cubby		
160		out. drawers	1	See attached LSC Printout
161		top drawer	1	
162		drawer	1	
163		"	1	
164		"	1	
165		"	1	
166		bot. drawer	1	
167		out. drawers	1	
168		top drawer	1	
169		drawer	1	
170		"	1	
171		"	1	
172		"	1	
173		bot. drawer	1	
174		top shelf	1	
175		shelf	1	
176		ext. shelf	1	
177		top shelf	1	
178		shelf	1	
179		bot. shelf	1	
180		counter	1	
181		"	1	
182		"	1	
183		top shelf	1	
184		bot. shelf	1	
185		out. drawers	1	
186	✓	top drawer	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
187		drawer	1	See attached LSC Printout
188		"	1	
189		"	1	
190		bot. drawer	1	
191		out. drawers	1	
192		top drawer	1	
193		drawer	1	
194		"	1	
195		"	1	
196		bot. drawer	1	
197		top shelf	1	
198		bot. shelf	1	
199		floor	1	
200		wall	1	
201		glad	1	
202		shelves	1	
203		desk	1	
204		shelves	1	
205		desk	1	
206		floor	1	
207		"	1	
208		"	1	
209		"	1	
210		"	1	
211		out. shelves	1	
212		top shelf	1	
213		shelf	1	
214	✓	bot. shelf	1	✓



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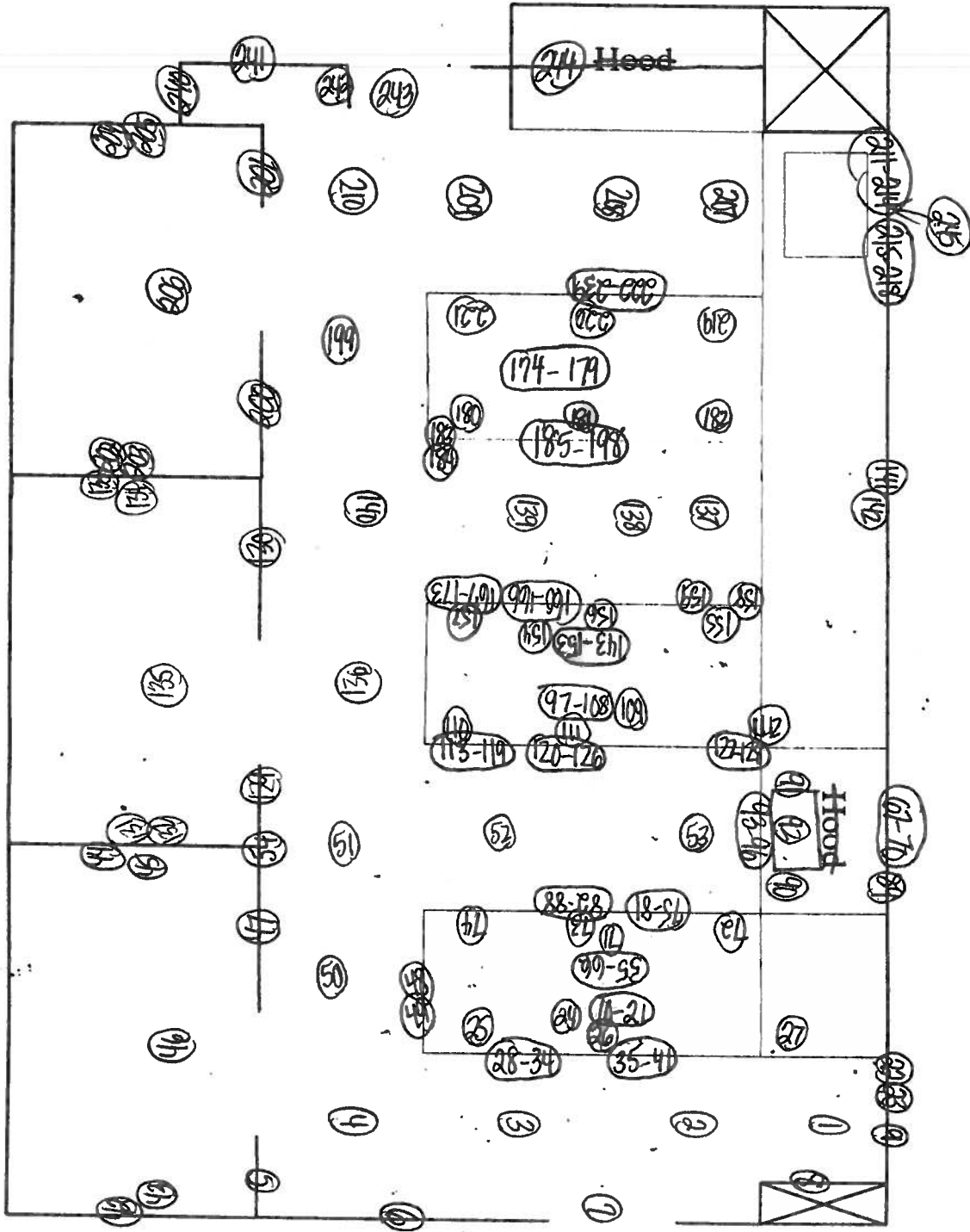
No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
215		Out. shelves	1	See attached LSC Printout
216		TOP shelf	1	
217		shelf	1	
218		bot. shelf	1	
219		counter	1	
220		"	1	
221		"	1	
222		out. drawers	1	
223		top drawer	1	
224		drawer	1	
225		"	1	
226		"	1	
227		bot. drawer	1	
228		out. drawers	1	
229		top drawer	1	
230		drawer	1	
231		"	1	
232		"	1	
233		bot. drawer	1	
234		out. drawers	1	
235		top drawer	1	
236		drawer	1	
237		"	1	
238		"	1	
239		bot. drawer	1	
240		wall	1	
241		"	1	
242	✓	"	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
243		door		
244		wall	1	See attached LSC Printout
245	↓	wall	1	
246			1	↓
247			1	
248			1	
249			1	
250			1	
251			1	
252			1	
253			1	
254			1	
255			1	
256			1	
257			1	
258			1	
259			1	
260			1	
261			1	
262			1	
263			1	
264			1	
265			1	
266			1	
267			1	
268			1	
269			1	
270			1	



O = WIPF LOCATION

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

ID: EQUIPMENT SURVY

15 JAN 2001 15:14

USER: 1 COMMENT: EQUIPMENT SURVEY

PRESET TIME : 1.00  
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT  
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT  
 TWO PHASE : NO AQC : 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	79.7	18.00	11.00	44.00	32.93	14.44	1.90
		Blank Average	DPM	for	3H :	32.93 COEF.	OF VAR: 0.000
		Blank Average	DPM	for	14C :	14.44 COEF.	OF VAR: 0.000

1	92.1	18.00	10.00	34.00	2.68	-1.27	2.40
2	77.9	14.00	10.00	32.00	-8.27	-1.28	4.22
3	87.1	20.00	11.00	47.00	5.68	0.01	2.39
4	83.6	22.00	8.00	39.00	10.98	-4.07	2.92
5	75.5	17.00	4.00	31.00	0.82	-9.37	3.43
6	80.7	19.00	13.00	40.00	1.28	2.67	1.56
7	77.1	17.00	13.00	41.00	-3.54	2.68	1.62
8	81.4	12.00	11.00	30.00	-12.71	0.11	1.84
9	78.3	18.00	10.00	39.00	0.31	-1.35	1.86
10	75.1	22.00	9.00	43.00	8.71	-2.77	1.20
11	79.7	10.00	4.00	27.00	-13.53	-9.25	2.64
12	80.9	20.00	10.00	39.00	5.04	-1.37	1.58
13	78.7	15.00	9.00	37.00	-5.53	-2.63	1.18
14	78.6	13.00	6.00	25.00	-8.26	-6.62	1.87
15	80.6	26.00	7.00	40.00	19.50	-5.49	2.14
16	80.2	21.00	7.00	40.00	8.63	-5.41	1.39
17	81.3	10.00	7.00	29.00	-14.96	-5.22	2.46
18	76.9	15.00	10.00	43.00	-6.26	-1.31	0.82
19	79.1	16.00	10.00	38.00	-3.85	-1.31	1.09
20	83.0	14.00	8.00	34.00	-6.61	-3.94	1.86
21	76.4	17.00	8.00	40.00	-1.09	-4.02	1.07
22	87.4	23.00	14.00	46.00	10.81	4.00	1.66
23	82.5	13.00	13.00	39.00	-11.48	2.79	1.79
24	95.1	8.00	13.00	34.00	-21.71	2.98	2.75
25	82.7	16.00	9.00	32.00	-2.81	-2.63	1.61
26	81.7	23.00	13.00	46.00	10.12	2.61	0.83
27	85.6	14.00	14.00	39.00	-9.48	4.14	1.27
28	81.8	14.00	11.00	32.00	-8.34	0.08	1.90
29	78.4	15.00	14.00	39.00	-8.14	4.06	1.75
30	77.5	19.00	13.00	43.00	0.76	2.65	0.88
31	77.2	11.00	17.00	35.00	-18.30	8.13	1.27
32	79.5	15.00	7.00	31.00	-4.39	-5.31	1.35
33	76.4	16.00	9.00	40.00	-3.71	-2.66	1.07
34	82.1	10.00	6.00	23.00	-14.36	-6.56	1.53
35	77.3	17.00	12.00	33.00	-3.00	1.34	1.48
36	77.9	19.00	10.00	40.00	2.38	-1.37	1.34

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
37	78.3	18.00	11.00	38.00	-0.21	-0.01	1.15
38	77.9	19.00	13.00	40.00	0.83	2.65	1.13
39	76.5	9.00	8.00	31.00	-17.98	-3.88	1.21
40	79.8	23.00	11.00	42.00	10.76	-0.08	0.94
41	78.6	12.00	8.00	28.00	-11.43	-3.92	1.03
42	80.2	11.00	15.00	35.00	-17.06	5.48	1.15
43	78.1	19.00	6.00	32.00	4.46	-6.72	0.79
44	78.4	20.00	10.00	39.00	4.58	-1.38	1.29
45	81.9	12.00	7.00	30.00	-10.56	-5.25	1.70
46	81.7	13.00	8.00	27.00	-8.94	-3.93	1.33
47	75.9	18.00	9.00	43.00	0.44	-2.70	1.02
48	90.3	19.00	6.00	29.00	6.83	-6.69	2.43
49	93.8	10.00	10.00	29.00	-15.48	-1.12	1.56
50	85.3	16.00	15.00	34.00	-5.64	5.45	1.84
51	84.3	17.00	9.00	37.00	-0.38	-2.64	1.14
52	85.7	14.00	14.00	34.00	-9.47	4.14	1.30
53	87.4	18.00	11.00	39.00	1.28	0.05	1.48
54	92.0	16.00	9.00	39.00	-1.35	-2.58	1.43
55	77.3	19.00	16.00	50.00	-0.81	6.66	1.06
56	77.4	13.00	16.00	38.00	-13.52	6.76	1.52
57	80.6	11.00	7.00	27.00	-12.86	-5.24	1.58
58	80.8	16.00	10.00	34.00	-3.61	-1.30	1.56
59	79.7	19.00	6.00	34.00	4.74	-6.72	2.58
60	78.9	28.00	7.00	46.00	23.32	-5.53	0.69
61	75.7	22.00	11.00	51.00	7.81	-0.09	0.73
62	79.1	15.00	11.00	32.00	-6.50	0.05	1.18
63	76.5	20.00	8.00	39.00	5.27	-4.07	1.11
64	81.9	19.00	10.00	42.00	3.05	-1.34	1.48
65	82.5	25.00	9.00	46.00	16.74	-2.79	0.57
66	76.2	21.00	11.00	50.00	5.81	-0.07	0.78
67	77.3	14.00	18.00	44.00	-12.44	9.42	1.93
68	80.4	21.00	10.00	38.00	7.10	-1.39	1.23
69	79.7	19.00	14.00	40.00	0.60	4.00	1.47
70	83.5	13.00	8.00	32.00	-8.73	-3.92	1.31
71	94.2	16.00	17.00	44.00	-5.52	8.23	1.75
72	86.4	15.00	11.00	35.00	-5.56	0.09	1.11
73	79.2	15.00	6.00	35.00	-3.91	-6.65	0.78
74	84.0	10.00	9.00	24.00	-15.78	-2.52	2.09
75	80.1	12.00	11.00	31.00	-12.84	0.10	2.17
76	79.5	12.00	4.00	24.00	-9.26	-9.28	1.04
77	80.5	7.00	4.00	19.00	-19.92	-9.19	2.02
78	78.8	13.00	4.00	25.00	-7.20	-9.30	1.03
79	78.2	12.00	10.00	33.00	-12.50	-1.25	0.93
80	78.8	18.00	15.00	43.00	-2.19	5.35	0.85
81	82.3	17.00	6.00	38.00	0.89	-6.68	1.35
82	75.6	20.00	14.00	47.00	2.06	3.95	0.88
83	79.6	8.00	7.00	25.00	-19.39	-5.19	1.37
84	78.2	22.00	9.00	43.00	9.33	-2.75	0.59
85	79.3	11.00	9.00	34.00	-14.02	-2.56	1.99
86	79.7	23.00	9.00	43.00	11.78	-2.76	0.57
87	79.1	10.00	12.00	28.00	-17.73	1.47	1.15
88	78.1	14.00	13.00	39.00	-9.79	2.73	0.92
89	80.7	15.00	8.00	33.00	-4.74	-3.97	0.87
90	86.4	15.00	16.00	38.00	-8.26	6.82	2.08
91	77.5	15.00	9.00	35.00	-5.68	-2.64	0.47
92	80.6	14.00	4.00	32.00	-4.82	-9.31	1.24
93	78.5	10.00	8.00	25.00	-15.70	-3.89	1.24
94	81.9	17.00	11.00	36.00	-1.80	0.03	0.64

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
95	82.2	25.00	17.00	49.00	12.47	7.95	0.76
96	81.4	13.00	10.00	28.00	-10.02	-1.25	1.30
97	81.5	21.00	13.00	46.00	5.75	2.64	0.83
98	87.8	12.00	9.00	35.00	-10.98	-2.54	1.24
99	80.9	13.00	4.00	27.00	-6.93	-9.29	2.25
100	79.7	14.00	5.00	31.00	-5.47	-7.97	1.75
101	74.6	6.00	10.00	24.00	-25.40	-1.17	0.76
102	77.0	23.00	12.00	43.00	9.67	1.24	0.91
103	79.5	11.00	15.00	34.00	-17.11	5.48	0.83
104	78.3	24.00	5.00	40.00	15.67	-8.14	0.55
105	78.1	19.00	17.00	48.00	-1.20	8.01	0.49
106	82.6	16.00	8.00	36.00	-2.30	-3.97	0.86
107	83.2	19.00	5.00	30.00	5.95	-8.05	1.52
108	85.5	11.00	5.00	21.00	-11.30	-7.91	3.22
109	87.0	14.00	7.00	30.00	-5.53	-5.27	1.70
110	90.0	13.00	13.00	35.00	-10.68	2.85	1.69
111	86.8	18.00	7.00	35.00	3.34	-5.34	0.75
112	89.4	9.00	11.00	27.00	-18.67	0.22	1.88
113	81.7	18.00	11.00	35.00	0.33	0.01	2.39
114	81.1	15.00	11.00	38.00	-6.26	0.06	0.57
115	82.4	14.00	13.00	38.00	-9.31	2.77	0.65
116	81.1	14.00	13.00	35.00	-9.46	2.76	1.22
117	83.0	17.00	9.00	33.00	-0.59	-2.65	1.01
118	81.4	15.00	10.00	37.00	-5.70	-1.28	1.78
119	82.9	17.00	9.00	36.00	-0.59	-2.65	0.85
120	79.6	15.00	9.00	32.00	-5.41	-2.63	0.83
121	82.5	11.00	13.00	35.00	-15.83	2.82	0.86
122	82.7	15.00	13.00	36.00	-7.11	2.75	0.71
123	83.2	14.00	10.00	31.00	-7.64	-1.25	1.29
124	83.3	15.00	11.00	32.00	-5.97	0.07	1.25
125	88.4	19.00	10.00	38.00	4.25	-1.31	1.30
126	81.8	18.00	8.00	32.00	1.92	-4.01	0.81
127	80.0	8.00	13.00	34.00	-22.49	2.85	1.35
128	89.8	17.00	12.00	42.00	-1.11	1.43	1.54
129	79.1	16.00	7.00	27.00	-2.30	-5.33	0.86
130	79.3	17.00	5.00	30.00	0.91	-8.02	2.49
131	86.3	20.00	8.00	38.00	7.15	-4.03	3.36
132	86.1	9.00	5.00	27.00	-15.66	-7.87	3.27
133	83.5	5.00	10.00	22.00	-27.29	-1.10	2.69
134	79.8	16.00	8.00	28.00	-2.71	-3.99	1.09
135	84.1	19.00	5.00	39.00	6.11	-8.05	1.02
136	89.5	16.00	14.00	37.00	-4.52	4.14	1.19
137	85.4	22.00	8.00	37.00	11.40	-4.07	1.14
138	87.7	26.00	8.00	41.00	20.85	-4.13	1.09
139	89.7	23.00	9.00	38.00	14.08	-2.72	1.73
140	94.7	8.00	10.00	25.00	-20.03	-1.07	2.78
141	84.9	12.00	15.00	34.00	-14.51	5.51	0.86
142	83.6	22.00	13.00	50.00	8.34	2.64	0.62
143	84.7	13.00	3.00	24.00	-5.92	-10.63	1.49
144	87.4	12.00	7.00	31.00	-9.94	-5.23	1.26
145	85.6	15.00	13.00	37.00	-6.73	2.78	1.49
146	89.6	11.00	12.00	38.00	-14.69	1.53	1.35
147	84.5	18.00	11.00	42.00	0.79	0.03	1.40
148	85.1	19.00	10.00	45.00	3.64	-1.33	1.32
149	82.1	9.00	11.00	30.00	-19.16	0.17	1.10
150	85.6	21.00	12.00	47.00	7.07	1.33	0.60
151	92.7	18.00	11.00	45.00	2.24	0.08	1.68
152	92.0	17.00	5.00	36.00	3.17	-8.00	1.30

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
133	87.6	17.00	11.00	33.00	-0.92	0.07	1.07
134	109.2	11.00	20.00	38.00	-17.62	12.59	3.55
155	95.0	14.00	13.00	37.00	-7.76	2.87	1.02
156	99.5	14.00	8.00	33.00	-4.24	-3.87	1.59
157	94.4	13.00	11.00	40.00	-9.04	0.18	1.71
158	102.8	17.00	10.00	34.00	2.40	-1.19	2.13
159	120.5	14.00	14.00	37.00	-4.42	4.46	1.96
160	82.3	14.00	11.00	33.00	-8.28	0.08	1.33
161	85.0	23.00	11.00	47.00	11.89	-0.05	0.79
162	84.1	12.00	8.00	29.00	-10.85	-3.90	1.82
163	84.8	18.00	9.00	38.00	1.90	-2.66	0.96
164	86.1	20.00	5.00	38.00	8.72	-8.06	1.71
165	82.7	16.00	8.00	40.00	-2.28	-3.97	0.61
166	84.7	17.00	9.00	36.00	-0.32	-2.64	0.95
167	82.2	14.00	6.00	35.00	-5.65	-6.63	1.19
168	86.0	18.00	13.00	44.00	-0.03	2.73	0.32
169	82.9	20.00	17.00	47.00	1.72	8.04	0.75
170	86.0	15.00	8.00	35.00	-4.00	-3.94	0.77
171	84.7	12.00	12.00	30.00	-12.92	1.48	0.84
172	85.4	10.00	10.00	31.00	-16.20	-1.17	2.23
173	83.7	14.00	6.00	39.00	-5.45	-6.62	1.04
174	102.7	10.00	12.00	29.00	-15.81	1.66	2.95
175	90.1	10.00	14.00	31.00	-18.01	4.25	1.40
176	91.5	16.00	5.00	26.00	0.79	-7.98	1.26
177	129.0	20.00	12.00	39.00	15.83	1.64	5.93
178	102.6	14.00	16.00	43.00	-8.50	7.01	1.33
179	105.1	18.00	8.00	43.00	6.53	-3.92	2.69
180	97.8	11.00	6.00	22.00	-10.42	-6.52	6.30
181	99.2	16.00	12.00	43.00	-1.85	1.52	2.38
182	108.3	7.00	13.00	26.00	-23.40	3.13	2.75
183	94.2	13.00	8.00	31.00	-7.36	-3.87	1.48
184	103.7	13.00	15.00	43.00	-10.19	5.68	2.11
185	84.6	14.00	8.00	26.00	-6.39	-3.93	1.44
186	88.8	10.00	3.00	19.00	-12.08	-10.58	2.72
187	89.2	15.00	9.00	31.00	-4.07	-2.58	4.05
188	88.2	15.00	14.00	42.00	-6.94	4.14	1.05
189	86.3	20.00	13.00	47.00	4.45	2.70	0.95
190	88.5	15.00	8.00	31.00	-3.63	-3.93	1.38
191	86.4	12.00	9.00	32.00	-11.13	-2.54	1.03
192	83.8	16.00	6.00	32.00	-1.05	-6.65	1.00
193	87.6	14.00	14.00	39.00	-9.25	4.16	1.67
194	84.6	23.00	11.00	50.00	11.80	-0.06	0.48
195	86.5	12.00	12.00	33.00	-12.74	1.49	1.01
196	86.7	19.00	10.00	44.00	3.92	-1.32	0.58
197	95.9	15.00	10.00	36.00	-3.60	-1.20	2.03
198	95.4	20.00	10.00	43.00	7.97	-1.29	1.03
199	102.1	9.00	9.00	27.00	-16.50	-2.40	3.32
200	92.0	10.00	8.00	31.00	-14.52	-3.83	1.31
201	87.0	13.00	10.00	29.00	-9.38	-1.21	1.17
202	88.5	16.00	12.00	40.00	-3.56	1.44	0.72
203	91.4	13.00	17.00	45.00	-12.74	8.26	0.96
204	90.6	12.00	13.00	29.00	-12.88	2.87	1.24
205	97.9	11.00	11.00	34.00	-13.31	0.25	1.80
206	102.7	15.00	9.00	29.00	-1.88	-2.51	2.09
207	99.6	13.00	14.00	35.00	-10.11	4.28	2.28
208	99.4	19.00	9.00	39.00	7.07	-2.61	1.36
209	93.7	14.00	8.00	33.00	-5.12	-3.89	1.12
210	92.6	26.00	10.00	49.00	21.14	-1.41	1.20

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
201	95.7	10.00	5.00	28.00	-13.48	-7.89	1.21
202	88.0	11.00	18.00	35.00	-18.11	9.60	0.70
213	86.7	11.00	7.00	26.00	-12.25	-5.21	0.89
214	99.3	15.00	9.00	34.00	-2.47	-2.53	1.42
215	81.3	13.00	7.00	27.00	-8.46	-5.27	1.01
216	89.7	19.00	12.00	44.00	3.39	1.39	0.99
217	90.3	16.00	15.00	36.00	-4.94	5.49	1.19
218	89.2	12.00	9.00	38.00	-10.82	-2.53	0.73
219	130.0	13.00	11.00	29.00	-3.32	0.44	7.68
220	90.3	15.00	8.00	33.00	-3.35	-3.92	2.11
221	93.1	10.00	10.00	30.00	-15.54	-1.12	1.22
222	94.9	14.00	11.00	34.00	-6.65	0.17	0.84
223	89.0	7.00	11.00	33.00	-23.20	0.25	0.72
224	86.4	20.00	13.00	43.00	4.47	2.70	0.72
225	85.3	18.00	10.00	43.00	1.46	-1.31	1.22
226	86.2	16.00	10.00	32.00	-2.83	-1.27	1.26
227	88.4	13.00	10.00	33.00	-9.21	-1.20	1.04
228	89.7	15.00	14.00	46.00	-6.74	4.16	0.60
229	87.7	10.00	9.00	26.00	-15.46	-2.50	1.36
230	95.6	12.00	13.00	32.00	-12.35	2.91	0.62
231	87.5	9.00	9.00	25.00	-17.71	-2.48	1.38
232	90.4	12.00	15.00	37.00	-14.00	5.57	0.93
233	85.3	6.00	11.00	26.00	-25.57	0.24	0.97
234	89.6	14.00	11.00	38.00	-7.36	0.13	0.44
235	89.3	14.00	11.00	34.00	-7.40	0.13	1.44
236	95.7	14.00	11.00	37.00	-6.54	0.17	1.00
237	88.5	14.00	10.00	39.00	-6.96	-1.22	0.64
238	88.2	13.00	13.00	36.00	-10.88	2.83	2.87
239	93.8	9.00	9.00	27.00	-17.22	-2.45	1.26
240	88.3	9.00	8.00	27.00	-17.10	-3.83	1.24
241	90.5	12.00	15.00	33.00	-14.00	5.57	1.25
242	90.3	18.00	6.00	31.00	4.56	-6.67	1.04
243	85.4	9.00	9.00	27.00	-17.87	-2.50	1.21
244	92.2	14.00	3.00	26.00	-2.54	-10.64	1.17
245	96.3	14.00	11.00	35.00	-6.43	0.18	1.56