

Radiological Survey Sheet

Job Location Pfizer Central Research Grafton 118C/118D C315 Page 1 of 19

Survey Purpose Radiological Assessment Date 11/17/60

Performed By Fam Jones (Print) Fam Jones (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7069448	Inst.(2) <u>Ludlum 2241-2</u> (Model/SN) #163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. <u>Ludlum 43-68</u> (Model/SN) #149613	Det. (Model/SN)
Eff. <u>See LSC Printout</u>	Eff. <u>≈ 8%</u>	Eff.
Type rad. β	Type rad. B	Type rad.
Bkgd. <u>See LSC Printout</u>	Bkgd. <u>300 cpm</u>	Bkgd.
Cal. Due: 12/00	Cal. Due <u>2/13/01</u>	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	1:00	wall	1	See attached LSC Printout
2.		glass wall	1	
3.		desk top	1	
4.		shelves	1	
5.		floor	1	
6.		cabinet	1	
7.		top shelf	1	
8.		bottom shelf	1	
9.		counter	1	
10.		"	1	
11.		chair	1	
12.		outside drawers	1	
13.		top drawer	1	
14.		drawer	1	
15.		"	1	
16.		"	1	
17.		"	1	
18.	↓	"	1	↓

Radiological Survey Continuation Sheet

Page 2 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19		drawer	1	See attached LSC Printout
20		bottom drawer	1	
21		drawer	1	
22		outside drawers	1	
23		top drawer	1	
24		drawer	1	
25		"	1	
26		bottom drawer	1	
27		glass wall	1	
28		outside cab.	1	
29		top shelf	1	
30		shelf	1	
31		"	1	
32		"	1	
33		"	1	
34		bottom shelf	1	
35		file cab.	1	
36		chair	1	
37		"	1	
38		"	1	
39		floor	1	
40		"	1	
41		"	1	
42		"	1	
43		"	1	
44		"	1	
45		"	1	
46	✓	outside shelves	1	✓

Radiological Survey Continuation Sheet

Page 3 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47		top shelf	1	See attached LSC Printout
48		shelf	1	
49		"	1	
50		bottom shelf	1	
51		top shelf	1	
52		shelf	1	
53		bottom shelf	1	
54		ledge	1	
55		desk top	1	
56		counter	1	
57		"	1	
58		"	1	
59		cup sink	1	
60		"	1	
61		top shelf	1	
62		shelf	1	
63		bottom shelf	1	
64		top shelf	1	
65		shelf	1	
66		bottom shelf	1	
67		outside drawers	1	
68		pull-out	1	
69		top drawer	1	
70		drawer	1	
71		bottom drawer	1	
72		pull-out	1	
73		outside drawers	1	
74	✓	top drawer	1	✓

Radiological Survey Continuation Sheet

Page 4 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75		drawer	1	See attached LSC Printout
76		"	1	
77		bottom drawer	1	
78		drawer	1	
79		outside drawers	1	
80		top drawer	1	
81		drawer	1	
82		"	1	
83		bottom drawer	1	
84		drawer	1	
85		outside drawers	1	
86		top drawer	1	
87		top shelf	1	
88		bottom shelf	1	
89		top shelf	1	
90		shelf	1	
91		bottom shelf	1	
92		table counter	1	
93		outside drawers	1	
94		top shelf	1	
95		shelf	1	
96		"	1	
97		bottom shelf	1	
98		top shelf	1	
99		shelf	1	
100		bottom shelf	1	
101		wall	1	
102	↓	wall	1	✓

Radiological Survey Continuation Sheet

Page 5 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
103		of 20	1	See attached LSC Printout
104		floor	1	
105		"	1	
106		"	1	
107		"	1	
108		"	1	
109		"	1	
110		"	1	
111		"	1	
112		counter	1	
113		"	1	
114		"	1	
115		top shelf	1	
116		shelf	1	
117		bottom shelf	1	
118		desktop	1	
119		top ledge	1	
120		bottom ledge	1	
121		outside drawers	1	
122		top drawer	1	
123		drawer	1	
124		"	1	
125		bottom drawer	1	
126		drawer	1	
127		outside drawers	1	
128		top drawer	1	
129		drawer	1	
130	✓	"	1	✓

Radiological Survey Continuation Sheet

Page 6 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131		bottom drawer	1	See attached LSC Printout
132		drawer	1	
133		outside drawers	1	
134		top drawer	1	
135		drawer	1	
136		"	1	
137		bottom drawer	1	
138		drawer	1	
139		outside drawers	1	
140		pull-out	1	
141		top drawer	1	
142		drawer	1	
143		bottom drawer	1	
144		chair	1	
145		outside shelves	1	
146		top shelf	1	
147		shelf	1	
148		"	1	
149		bottom shelf	1	
150		outside shelves	1	
151		top shelf	1	
152		shelf	1	
153		"	1	
154		bottom shelf	1	
155		outside shelves	1	
156		top shelf	1	
157		shelf	1	
158	✓	"	1	✓

Radiological Survey Continuation Sheet

Page 7 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
159		bottom shelf	1	See attached LSC Printout
160		Floor	1	
161		"	1	
162		"	1	
163		"	1	
164		"	1	
165		Outside drawers	1	
166		pull-out	1	
167		top drawer	1	
168		drawer	1	
169		bottom drawer	1	
170		drawer	1	
171		Outside drawers	1	
172		top drawer	1	
173		drawer	1	
174		"	1	
175		bottom drawer	1	
176		drawer	1	
177		outside drawers	1	
178		top drawer	1	
179		drawer	1	
180		"	1	
181		bottom drawer	1	
182		drawer	1	
183		top shelf	1	
184		shelf	1	
185		bottom shelf	1	
186	✓	ledge	1	✓

Radiological Survey Continuation Sheet

Page 8 of 19

Date 11/17/80

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
187		disk top	1	See attached LSC Printout
188		counter	1	
189		"	1	
190		"	1	
191		cup smd	1	
192		"	1	
193		top shelf	1	
194		shelf	1	
195		bottom shelf	1	
196		top shelf	1	
197		shelf	1	
198		bottom shelf	1	
199		top shelf	1	
200		shelf	1	
201		"	1	
202		bottom shelf	1	
203		metal basket	1	
204		outside shelves	1	
205		top shelf	1	
206		shelf	1	
207		"	1	
208		bottom shelf	1	
209		outside shelves	1	
210		top shelf	1	
211		shelf	1	
212		"	1	
213		bottom shelf	1	
214	✓	counter	1	✓

Radiological Survey Continuation Sheet

Page 9 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215		counter	1	See attached LSC Printout
216		cup sink	1	
217		counter	1	
218		side of sink	1	
219		bottom	1	
220		drain	1	
221		outside drawers	1	
222		top drawer	1	
223		drawer	1	
224		"	1	
225		bottom drawer	1	
226		drawer	1	
227		outside drawers	1	
228		top drawer	1	
229		drawer	1	
230		"	1	
231		bottom drawer	1	
232		outside cab.	1	
233		left	1	
234		bottom	1	
235		rt.	1	
236		metal basket	1	
237		counter	1	
238		"	1	
239		"	1	
240		top shelf	1	
241		bottom shelf	1	
242	✓	ledge	1	✓

Radiological Survey Continuation Sheet

Page 10 of 19

Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
243		desktop	1	See attached LSC Printout
244		outside drawers	1	
245		top drawer	1	
246		drawer	1	
247		"	1	
248		bottom drawer	1	
249		outside drawers	1	
250		top drawer	1	
251		drawer	1	
252		"	1	
253		bottom drawer	1	
254		outside drawers	1	
255		top drawer	1	
256		drawer	1	
257		"	1	
258		bottom drawer	1	
259		drawer	1	
260		outside drawers	1	
261		roll-mat	1	
262		top drawer	1	
263		drawer	1	
264		bottom drawer	1	
265		outside shelves	1	
266		top shelf	1	
267		shelf	1	
268		"	1	
269		bottom shelf	1	
270	✓	outside shelves	1	✓

Radiological Survey Continuation Sheet

Page 11 of 19
 Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
271		top shelf	1	See attached LSC Printout
272		shelf	1	
273		"	1	
274		bottom shelf	1	
275		floor	1	
276		"	1	
277		"	1	
278		"	1	
279		"	1	
280		sm. beta box	1	
281		container inside	1	
282		sm. shield	1	
283		lg. shield	1	
284		"	1	
285		"	1	
286		"	1	
287		wall	1	
288		left outside head	1	
289		top	1	
290		rt.	1	
291		glass + handles	1	
292		top left side inside	1	
293		bottom left	1	
294		top back	1	
295		middle back	1	
296		bottom back	1	
297		top rt.	1	
298	✓	bottom rt.	1	✓

Radiological Survey Continuation Sheet

Page 12 of 19

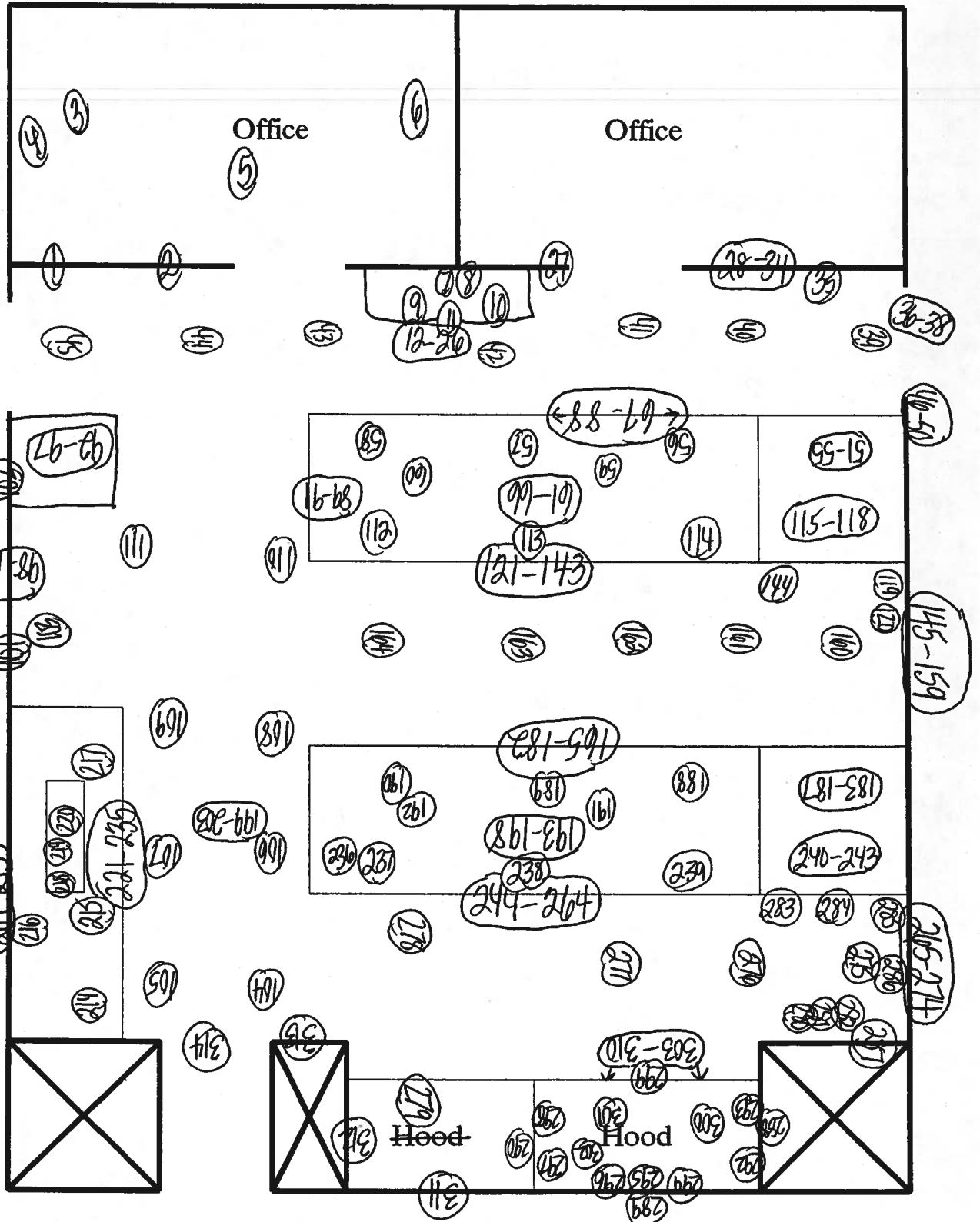
Date 11/17/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
299		ledge	1	See attached LSC Printout
300		left counter	1	
301		rt. counter	1	
302		cup sink	1	
303		outside cab.	1	
304		left	1	
305		bottom	1	
306		rt.	1	
307		outside cab	1	
308		left	1	
309		bottom	1	
310		rt.	1	
311		wall	1	
312		"	1	
313		"	1	
314	↓	door	1	↓
315			1	
316			1	
317			1	
318			1	
319			1	
320			1	
321			1	
322			1	
323			1	
324			1	
325			1	
326			1	

n/a

Bld. 118C Room C315

Date: 11/17/00



1 = w.i.p.e LOCATION

- Surveyed 100% of lower surfaces using instrument #2. All surfaces surveyed were noted to be at normal background levels.

ID: EQUIPMENT SURVY 20 NOV 2000 11:34
 USER: 3 COMMENT: EQUIPMENT SURVEY

RESET 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 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	72.4	14.00	9.00	35.00	24.54	11.79	0.61
		Blank Average	DPM	for	3H :	24.54 COEF.	OF VAR: 0.000
		Blank Average	DPM	for	14C :	11.79 COEF.	OF VAR: 0.000

1	74.1	16.00	13.00	42.00	2.36	5.32	0.66
2	80.0	15.00	12.00	37.00	1.47	4.04	0.62
3	77.0	21.00	7.00	36.00	16.38	-2.77	0.97
	76.6	15.00	8.00	29.00	3.10	-1.33	1.22
	76.9	16.00	10.00	35.00	4.24	1.33	0.80
6	77.0	14.00	12.00	30.00	-1.01	4.04	0.87
7	74.1	21.00	11.00	38.00	13.82	2.57	0.47
8	74.9	20.00	7.00	33.00	13.89	-2.76	0.87
9	78.9	17.00	4.00	31.00	9.74	-6.71	0.77
10	79.0	20.00	11.00	45.00	12.57	2.61	3.57
11	73.6	10.00	8.00	25.00	-7.70	-1.26	0.85
12	75.6	13.00	8.00	24.00	-1.24	-1.30	1.60
13	72.7	18.00	8.00	30.00	8.83	-1.40	0.52
14	73.7	16.00	10.00	38.00	3.81	1.31	0.64
15	75.2	15.00	6.00	31.00	3.94	-4.01	0.76
16	78.2	18.00	14.00	36.00	6.62	6.66	0.81
17	73.8	16.00	5.00	26.00	6.34	-5.37	0.50
18	74.8	23.00	9.00	42.00	19.15	-0.13	0.45
19	74.0	12.00	12.00	32.00	-5.51	4.05	0.72
20	73.8	15.00	18.00	42.00	-2.27	12.01	0.59
21	78.2	17.00	10.00	37.00	6.55	1.32	0.53
22	74.1	6.00	6.00	18.00	-15.02	-3.87	1.34
23	74.8	16.00	9.00	28.00	4.46	-0.02	0.80
24	74.1	17.00	12.00	36.00	4.95	3.97	0.60
25	84.8	11.00	11.00	32.00	-6.19	2.80	3.48
26	73.2	17.00	7.00	39.00	7.34	-2.71	0.54
27	74.5	17.00	17.00	42.00	2.48	10.65	0.51
28	75.8	16.00	9.00	30.00	4.60	-0.01	0.78
29	78.3	14.00	13.00	32.00	-1.38	5.39	1.46
	75.0	20.00	16.00	42.00	9.34	9.27	0.53
	76.9	29.00	17.00	57.00	28.18	10.48	0.29
32	75.9	16.00	8.00	33.00	5.12	-1.35	5.71
33	78.6	13.00	8.00	39.00	-0.90	-1.29	9.97
34	85.9	15.00	7.00	28.00	4.92	-2.64	13.82
35	76.8	12.00	7.00	26.00	-2.71	-2.62	1.08
36	74.4	21.00	10.00	45.00	14.37	1.23	0.47

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
38	74.0	11.00	12.00	28.00	-7.60	4.06	0.68
39	77.6	27.00	13.00	46.00	26.17	5.17	0.53
40	82.3	16.00	11.00	37.00	4.46	2.70	0.96
41	79.1	13.00	11.00	32.00	-2.41	2.73	1.02
42	86.1	13.00	10.00	30.00	-1.11	1.43	3.22
43	89.2	5.00	18.00	29.00	-23.15	12.37	2.51
44	75.4	16.00	5.00	25.00	6.58	-5.36	0.85
45	77.9	23.00	4.00	35.00	22.35	-6.81	1.02
46	80.3	22.00	10.00	39.00	17.62	1.25	0.54
47	77.5	13.00	15.00	35.00	-4.62	8.07	0.56
48	72.7	13.00	12.00	34.00	-3.54	4.02	0.40
49	72.7	15.00	8.00	30.00	2.61	-1.35	0.69
50	72.9	11.00	6.00	27.00	-4.68	-3.95	0.53
51	75.9	17.00	7.00	36.00	7.74	-2.71	0.36
52	74.4	20.00	9.00	39.00	12.78	-0.09	0.35
53	74.1	12.00	11.00	30.00	-5.00	2.71	0.55
54	75.7	7.00	8.00	20.00	-13.86	-1.21	0.69
55	75.2	15.00	8.00	29.00	2.92	-1.34	0.75
56	75.3	16.00	5.00	31.00	6.55	-5.37	0.60
57	77.1	21.00	11.00	40.00	14.35	2.59	1.43
58	77.9	20.00	14.00	42.00	10.92	6.62	0.52
59	77.6	18.00	10.00	40.00	8.58	1.37	0.52
60	76.1	14.00	1.00	31.00	-6.68	2.69	0.51
61	75.0	24.00	8.00	38.00	1.30	-1.30	1.66
62	74.0	7.00	8.00	30.00	-1.37	-1.31	0.77
63	74.3	15.00	7.00	30.00	3.31	-2.68	0.63
64	78.1	26.00	11.00	46.00	25.19	2.51	0.45
65	76.5	23.00	7.00	47.00	20.51	-2.80	0.34
66	76.6	21.00	11.00	40.00	14.25	2.58	0.56
67	76.0	21.00	5.00	35.00	17.21	-5.45	0.54
68	73.7	20.00	8.00	37.00	13.16	-1.43	0.60
69	71.7	23.00	8.00	38.00	19.02	-1.48	0.49
70	75.3	19.00	8.00	35.00	11.35	-1.40	0.49
71	74.8	24.00	10.00	51.00	20.74	1.19	7.21
72	77.1	14.00	14.00	36.00	-2.03	6.71	1.58
73	76.0	16.00	12.00	37.00	3.09	4.00	0.55
74	77.3	18.00	19.00	48.00	3.93	13.34	0.56
75	76.9	18.00	10.00	40.00	8.48	1.30	0.54
76	76.7	15.00	9.00	37.00	2.61	0.01	2.22
77	74.8	16.00	8.00	32.00	4.96	-1.36	0.57
78	78.3	17.00	13.00	38.00	5.01	5.34	0.63
79	76.1	14.00	4.00	29.00	2.97	-6.67	0.74
80	77.4	17.00	11.00	35.00	5.91	2.65	3.47
81	77.7	12.00	11.00	35.00	-4.67	2.74	5.27
82	77.4	21.00	11.00	40.00	14.41	2.59	0.46
83	75.6	22.00	12.00	45.00	15.68	3.90	0.45
84	86.7	15.00	10.00	28.00	3.42	1.40	5.02
85	76.5	14.00	7.00	30.00	1.48	-2.65	0.41
86	74.3	17.00	10.00	42.00	5.99	1.30	0.38
87	79.8	11.00	12.00	30.00	-7.14	4.11	0.79
88	79.0	22.00	16.00	44.00	14.25	9.28	2.95
89	76.9	8.00	13.00	34.00	-14.24	5.47	0.70
90	75.4	15.00	7.00	32.00	3.45	-2.67	0.51
91	77.0	16.00	12.00	39.00	3.22	4.00	0.51
92	78.2	21.00	15.00	45.00	12.50	7.95	0.64
93	80.0	16.00	10.00	36.00	4.66	1.35	0.69
94	76.2	18.00	14.00	42.00	6.32	6.64	0.73
95	83.8	15.00	9.00	31.00	3.55	0.04	1.58

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
154	74.4	20.00	21.00	47.00	6.73	15.95	0.27
155	74.7	13.00	10.00	31.00	-2.34	1.36	0.75
156	80.1	18.00	11.00	38.00	8.45	2.65	0.51
157	73.7	10.00	17.00	40.00	-12.22	10.76	0.40
158	75.4	20.00	7.00	35.00	13.97	-2.76	0.33
159	74.3	26.00	8.00	44.00	25.81	-1.52	0.38
160	77.9	20.00	11.00	41.00	12.36	2.61	0.40
161	80.9	19.00	6.00	35.00	13.37	-4.06	0.66
162	81.5	10.00	11.00	29.00	-8.65	2.80	0.65
163	86.0	18.00	7.00	35.00	11.59	-2.69	0.72
164	78.4	10.00	8.00	29.00	-7.33	-1.24	0.73
165	83.7	16.00	9.00	32.00	5.73	0.02	1.01
166	76.0	17.00	11.00	35.00	5.71	2.64	0.38
167	78.1	11.00	8.00	27.00	-5.22	-1.26	0.99
168	77.8	15.00	8.00	35.00	3.26	-1.33	2.21
169	75.8	18.00	6.00	36.00	10.34	-4.06	0.48
170	78.5	15.00	12.00	43.00	1.29	4.03	0.44
171	79.6	14.00	9.00	33.00	0.84	0.04	0.84
172	75.9	16.00	5.00	31.00	6.64	-5.36	0.68
173	75.7	13.00	7.00	28.00	-0.72	-2.64	1.17
174	75.5	19.00	14.00	38.00	8.34	6.62	0.85
175	75.4	14.00	11.00	34.00	-0.67	2.69	0.44
176	77.0	22.00	3.00	34.00	20.55	-8.14	0.64
177	82.3	18.00	6.00	32.00	11.44	-4.04	1.19
178	78.6	15.00	15.00	44.00	-0.25	8.05	0.50
179	75.6	15.00	8.00	34.00	2.98	-1.34	0.60
180	76.7	14.00	7.00	27.00	1.52	-2.65	0.73
181	78.9	21.00	11.00	42.00	14.68	2.60	0.55
182	79.8	23.00	5.00	32.00	22.28	-5.47	4.29
183	77.5	14.00	11.00	35.00	-0.44	2.70	0.56
184	75.9	19.00	11.00	41.00	9.91	2.61	0.32
185	72.0	24.00	9.00	39.00	20.64	-0.16	0.61
186	76.6	14.00	11.00	32.00	-0.54	2.70	0.49
187	77.4	14.00	11.00	38.00	-0.45	2.70	0.52
188	79.9	16.00	7.00	28.00	6.21	-2.67	0.72
189	78.1	11.00	5.00	24.00	-3.67	-5.28	0.81
190	78.2	15.00	11.00	30.00	1.77	2.69	0.87
191	81.5	12.00	8.00	33.00	-2.74	-1.26	0.54
192	84.6	17.00	15.00	40.00	4.85	8.07	0.85
193	83.0	17.00	7.00	32.00	8.86	-2.68	0.96
194	74.8	16.00	14.00	39.00	1.93	6.66	1.70
195	88.9	14.00	8.00	33.00	2.57	-1.26	2.10
196	77.8	11.00	12.00	35.00	-7.30	4.09	0.64
197	78.7	20.00	10.00	44.00	13.04	1.27	0.39
198	91.7	15.00	7.00	31.00	5.81	-2.62	2.54
199	78.1	8.00	3.00	20.00	-9.04	-7.90	1.01
200	79.4	13.00	14.00	37.00	-3.93	6.75	0.52
201	80.0	12.00	14.00	31.00	-6.02	6.77	1.02
202	79.9	22.00	9.00	42.00	18.08	-0.09	0.57
203	83.0	11.00	11.00	31.00	-6.35	2.79	1.55
204	83.3	19.00	8.00	42.00	12.75	-1.37	0.48
205	85.9	13.00	10.00	31.00	-1.13	1.43	2.25
206	90.6	19.00	14.00	40.00	10.86	6.75	2.82
207	76.7	19.00	8.00	35.00	11.58	-1.40	0.85
208	76.0	16.00	6.00	32.00	6.15	-4.03	1.01
209	79.6	16.00	7.00	31.00	6.16	-2.68	1.01
210	81.7	15.00	17.00	42.00	-0.94	10.76	0.71
211	80.4	27.00	12.00	46.00	27.38	3.84	0.53

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
212	81.0	13.00	4.00	31.00	1.46	-6.64	0.98
213	81.7	19.00	8.00	40.00	12.47	-1.38	0.71
214	80.9	18.00	9.00	37.00	9.63	-0.02	2.62
215	82.1	17.00	10.00	38.00	7.14	1.34	0.76
216	86.1	13.00	9.00	38.00	-0.56	0.09	1.49
217	88.6	24.00	10.00	42.00	23.91	1.25	0.87
218	82.2	16.00	8.00	33.00	6.03	-1.32	1.10
219	81.4	11.00	4.00	22.00	-2.82	-6.61	1.50
220	88.0	12.00	10.00	32.00	-3.12	1.46	1.51
221	88.7	10.00	8.00	28.00	-6.44	-1.19	6.79
222	86.7	18.00	16.00	49.00	6.84	9.42	1.16
223	85.1	14.00	11.00	38.00	0.45	2.75	1.16
224	85.3	17.00	7.00	28.00	9.25	-2.67	1.48
225	87.0	11.00	10.00	27.00	-5.45	1.47	1.85
226	86.4	18.00	15.00	47.00	7.34	8.07	1.75
227	92.4	19.00	8.00	32.00	14.54	-1.34	1.50
228	83.0	14.00	14.00	37.00	-1.39	6.77	0.79
229	82.4	20.00	6.00	39.00	15.82	-4.08	0.74
230	82.7	21.00	11.00	38.00	15.42	2.62	0.61
231	80.0	16.00	10.00	36.00	4.66	1.35	0.83
232	82.1	16.00	10.00	35.00	4.96	1.36	1.56
233	79.9	14.00	9.00	41.00	0.87	0.04	1.08
234	84.1	18.00	10.00	34.00	9.64	1.34	1.12
235	101.5	12.00	17.00	40.00	-5.67	11.04	2.70
236	82.2	20.00	9.00	44.00	14.20	-0.05	0.87
237	86.1	24.00	8.00	41.00	24.38	-1.45	0.96
238	87.5	15.00	11.00	39.00	2.99	2.75	1.59
239	82.8	16.00	10.00	38.00	5.06	1.36	1.18
240	87.5	18.00	15.00	47.00	7.51	8.08	0.78
241	81.4	23.00	15.00	44.00	17.39	7.94	0.92
242	85.2	15.00	5.00	27.00	5.88	-5.33	1.40
243	83.4	15.00	12.00	36.00	1.90	4.07	1.02
244	84.7	15.00	11.00	37.00	2.61	2.73	0.81
245	80.7	17.00	11.00	42.00	6.39	2.67	1.08
246	83.9	17.00	6.00	35.00	9.55	-4.02	0.91
247	82.2	16.00	8.00	32.00	6.04	-1.32	0.73
248	81.2	14.00	8.00	33.00	1.56	-1.30	0.87
249	83.7	19.00	8.00	33.00	12.82	-1.37	1.17
250	82.0	13.00	14.00	35.00	-3.67	6.78	1.00
251	85.9	16.00	9.00	33.00	6.06	0.04	1.02
252	85.3	16.00	16.00	40.00	2.22	9.44	0.77
253	88.0	19.00	8.00	34.00	13.66	-1.35	0.67
254	91.2	15.00	6.00	26.00	6.29	-3.97	1.97
255	84.9	17.00	10.00	39.00	7.57	1.36	0.79
256	87.6	19.00	7.00	34.00	14.12	-2.70	1.10
257	84.4	15.00	12.00	36.00	2.03	4.08	0.67
258	87.7	21.00	8.00	35.00	18.06	-1.39	1.33
259	84.0	16.00	8.00	36.00	6.30	-1.32	0.97
260	88.2	7.00	10.00	24.00	-14.30	1.55	1.39
261	80.9	28.00	11.00	48.00	30.18	2.49	0.56
262	83.0	21.00	7.00	43.00	17.60	-2.75	0.88
263	90.0	20.00	7.00	35.00	16.87	-2.71	1.48
264	81.8	11.00	9.00	31.00	-5.40	0.10	1.22
265	87.7	17.00	16.00	41.00	4.77	9.45	0.74
266	100.3	18.00	17.00	38.00	8.57	10.91	1.42
267	81.3	19.00	16.00	48.00	8.20	9.35	0.68
268	79.8	26.00	11.00	48.00	25.60	2.52	0.77
269	82.9	13.00	13.00	36.00	-3.05	5.44	0.61

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
270	82.1	20.00	8.00	38.00	14.70	-1.39	0.68
271	84.0	17.00	7.00	31.00	9.02	-2.68	0.89
272	80.8	23.00	8.00	37.00	20.93	-1.45	0.83
273	81.9	21.00	8.00	36.00	16.84	-1.41	1.09
274	85.5	18.00	8.00	33.00	10.96	-1.35	0.77
275	85.4	15.00	11.00	34.00	2.71	2.74	0.69
276	92.6	8.00	10.00	28.00	-11.78	1.56	2.06
277	94.8	13.00	10.00	26.00	-0.03	1.49	15.41
278	88.7	14.00	12.00	38.00	0.36	4.12	28.16
279	85.9	14.00	11.00	42.00	0.56	2.76	6.65
280	94.4	20.00	12.00	44.00	15.02	4.06	7.08
281	83.8	14.00	4.00	27.00	4.02	-6.66	1.25
282	82.6	23.00	8.00	44.00	21.34	-1.44	0.79
283	95.4	19.00	7.00	34.00	15.74	-2.68	1.31
284	87.3	13.00	7.00	32.00	0.67	-2.60	1.71
285	87.2	21.00	5.00	35.00	19.59	-5.43	2.17
286	96.5	20.00	6.00	35.00	18.90	-4.04	2.38
287	82.9	15.00	8.00	30.00	3.95	-1.30	2.29
288	83.4	19.00	1.00	26.00	16.49	-10.77	0.99
289	90.2	18.00	9.00	38.00	11.27	0.02	0.86
290	81.4	16.00	9.00	34.00	5.38	0.01	1.02
291	84.6	14.00	14.00	35.00	-1.21	6.78	1.25
292	87.9	8.00	7.00	24.00	-10.44	-2.51	3.36
293	86.1	18.00	12.00	38.00	8.91	4.04	0.65
294	91.6	13.00	4.00	23.00	2.91	-6.63	1.40
295	96.4	15.00	13.00	34.00	3.15	5.52	2.82
296	107.0	15.00	11.00	35.00	6.06	2.88	4.86
297	90.8	12.00	9.00	31.00	-2.25	0.13	1.46
298	94.2	16.00	4.00	31.00	10.23	-6.68	2.68
299	92.4	19.00	10.00	39.00	13.43	1.36	0.90
300	88.4	9.00	6.00	25.00	-7.62	-3.87	2.05
301	90.5	12.00	13.00	36.00	-4.50	5.52	1.64
302	93.5	23.00	10.00	43.00	22.87	1.30	1.56
303	96.0	9.00	11.00	22.00	-9.79	2.92	2.79
304	86.0	11.00	14.00	34.00	-7.70	6.85	1.25
305	83.4	14.00	11.00	36.00	0.24	2.74	0.72
306	95.5	19.00	12.00	37.00	12.91	4.08	1.16
307	86.6	17.00	14.00	39.00	5.69	6.75	0.68
308	87.3	15.00	8.00	32.00	4.59	-1.29	1.31
309	83.2	18.00	10.00	42.00	9.50	1.33	1.63
310	105.0	13.00	10.00	35.00	1.39	1.55	3.16
311	83.5	20.00	12.00	40.00	12.87	3.98	0.82
312	87.7	17.00	3.00	24.00	11.83	-8.05	1.41
313	85.6	27.00	5.00	44.00	32.48	-5.53	0.71
314	84.7	17.00	13.00	36.00	5.94	5.39	0.91
315	95.0	20.00	10.00	40.00	16.27	1.36	0.49