

Radiological Survey Sheet


Job Location Pfizer, Inc. Groton, Ct. 06340

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Survey Purpose Decommissioning D408 B

Date 3/25/13

Performed by DAVID DUNNAGE
(Print)


(Sign)

Instrument (Model/S/N)	Packard Tri-Carb S/N 431521	Packard Tri-Carb S/N 431520	Ludlum 2241-2 163603	
Det. (Model/SN)	Internal	Internal	Ludlum 43-68 PR 149613	
Type Rad.	β	β	β	
Cal. Due:	03/05/2013	03/05/2013	04/17/2013	
Check Instruments Used		/	/	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
1.	1400	BACKGROUND	
2.	↓	UPPER WALL	
3.		LOWER WALL	✓ (See # 140)
4.		SIDE OF CABINET	
5.		FLOOR	
6.		UPPER WALL	
7.		LOWER WALL	
8.		UPPER DOOR	
9.		LOWER DOOR	
10.		UPPER WALL	
11.		LOWER WALL	
12.		UPPER WALL	
13.		LOWER WALL	
14.		SIDE OF CABINET	
15.		FLOOR	
16.		FLOOR	
17.		FLOOR	
18.		FLOOR	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19		Floor	
20		Floor	
21		Floor	✓ (SEE #141)
22		Floor	
23		Floor	✓ (SEE #142)
24		Floor	
25		Floor	
26		Floor	
27		Floor	
28		Floor	
29		Floor	
30		Floor	
31		Floor	
32		Floor	
33		Floor	
34		Floor	
35		Floor	
36		Floor	
37		Floor	
38		Floor	
39		Floor	
40		Floor	
41		Sink	
42		SINK DRAIN LINE	
43		COUNTER	
44		COUNTER	
45		COUNTER	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46		CONSOLE	
47		UPPER WALL	
48		UPPER WALL	
49		UPPER WALL	
50		UPPER WALL	
51		SIDE OF CABINET	
52		FRONT OF CABINET	
53		LEFT DRAWER	
54		RIGHT DRAWER	
55		TOP HALF CABINET	
56		BOTTOM SHELF CABINET	
57		FRONT OF DRAWERS	
58		TOP DRAWER LEFT	
59		TOP DRAWER RIGHT	
60		2nd DRAWER LEFT	
61		2nd DRAWER RIGHT	
62		3rd DRAWER	
63		BOTTOM DRAWER	✓ (See #143)
64		FRONT OF CABINET	
65		INSIDE CABINET	
66		UPPER WALL	
67		LOWER WALL	
68		UPPER DOOR	
69		LOWER DOOR	
70		UPPER WALL	
71		LOWER WALL	
72	✓	CONSOLE	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73		Counter	
74		counter	
75		counter	
76		upper wall	
77		front of CABINET	
78		LEFT DRAWER	
79		RIGHT DRAWER	
80		TOP SHELF CABINET	
81		BOTTOM SHELF CABINET	
82		SIDE OF CABINET	
83		LOWER WALL	
84		LOWER WALL	
85		LOWER WALL	
86		SIDE OF CABINET	
87		FRONT OF DRAWERS	
88		TOP DRAWER LEFT	
89		TOP DRAWER RIGHT	
90		2nd DRAWER LEFT	
91		3rd 2nd DRAWER RIGHT LEFT	
92		4th 3rd DRAWER	
93		BOTTOM DRAWER UPPER WALL	
94		LOWER WALL	
95		UPPER WALL	
96		UPPER SIDE OF HOOD	
97		LOWER SIDE OF HOOD	
98		LOWER WALL	
99		UPPER WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100		UPPER WALL	
101		UPPER WALL	
102		UPPER WALL	
103		SHOE	
104		SHOE	
105		SHOE	
106		SHOE	
107		OUTLETS	
108		OUTLETS	
109		FRONT LEFT HOOD	
110		FRONT TOP HOOD	
111		FRONT RIGHT HOOD	
112		OUTSIDE HOOD SASH	
113		INSIDE HOOD SASH	
114		LEFT SIDE HOOD	
115		LOWER BACK HOOD	
116		BACK LEFT HOOD	
117		BACK RIGHT HOOD	
118		RIGHT SIDE HOOD	
119		HOOD CEILING	
120		HOOD COUNTER LEFT	
121		HOOD COUNTER RIGHT	
122		CUP SINK	
123		CUP SINK DRAIN LINE	
124		FRONT OF CABINET	
125		INSIDE CABINET	
126	↓	FRONT OF CABINET	

Radiological Survey Continuation Sheet

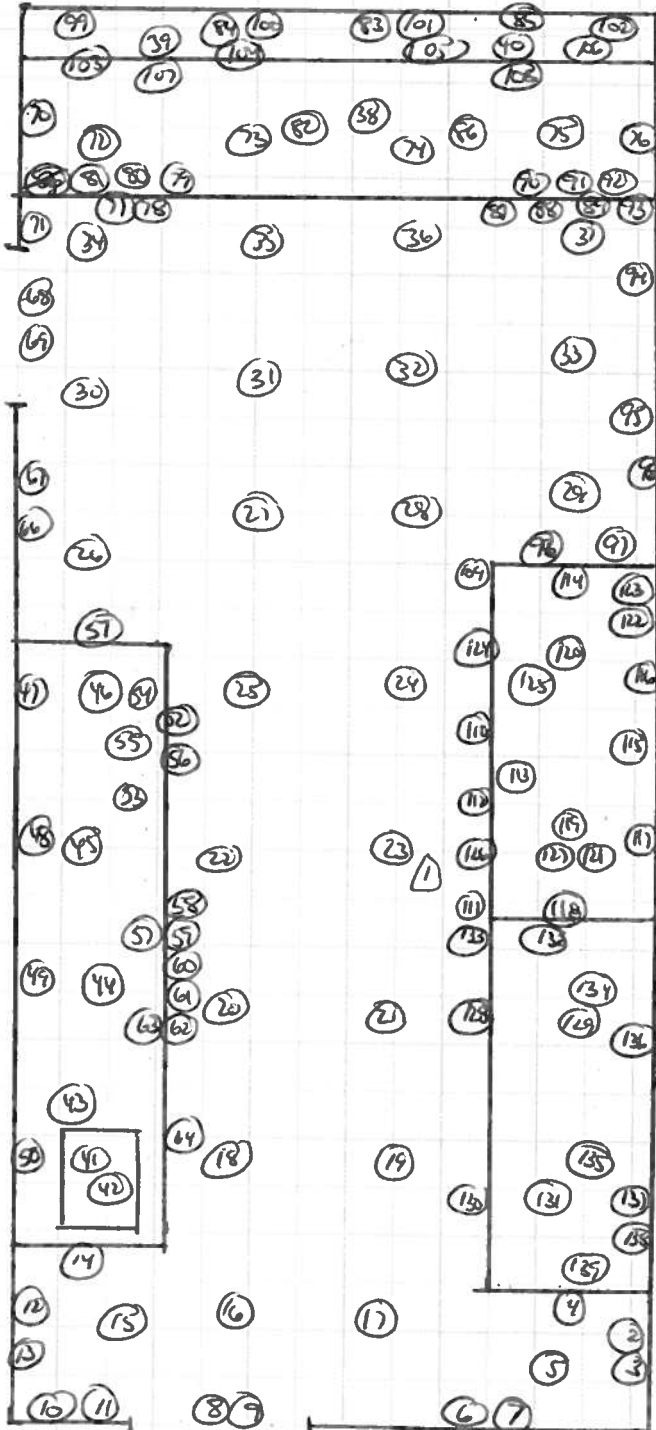
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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)	
127	↓	INSIDE CABINET		
128		OUTSIDE CABINET		
129		INSIDE CABINET		
130		OUTSIDE CABINET	✓ (SEE #144)	
131		INSIDE CABINET		
132		INSIDE HOOD LEFT		
133		FRONT OF HOOD		
134		TOP OF CABINET		
135		TOP OF CABINET		
136		UPPER WALL		
137		UPPER WALL		
138		SINK DRAIN LINE		
139		↓	HOOD FRAME	
140		0800	POST DECK # 3	
141	↓	POST DECK # 21		
142		POST DECK # 23		
143		POST DECK # 63		
144		↓	POST DECK # 130	

3/23/13

1180104088



Surveyed tools of lower surfaces
 using 43-6B. NO READINGS IN EXCESS
 OF NORMAL BACKGROUND NOTED, WITH
 THE FOLLOWING EXCEPTIONS:

△ Floor contaminated to a ^{maximum} level
 of 4,294 dpm/100cm².

Assay Definition-

Assay Description:
Background check for PM Lab (Mikey)

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\bill\bills swipes
Raw Results Path: C:\Packard\Tricarb\Results\bill\bills swipes\20130325_1919\20130325_1919.results
RTF File Name: C:\Packard\Tricarb\Results\bill\bills swipes\Report1.rtf
Assay File Name: C:\Packard\TriCarb\Assays\bills swipes.lsa

Count Conditions-

Nuclide: TRIPLE
Quench Indicator: tSIE/AEC
External Std Terminator (sec): 0.5 2s%
Pre-Count Delay (min): 0.00
Quench Set: n/a
Count Time (min): 1.00
Count Mode: Normal
Assay Count Cycles: 1 Repeat Sample Count: 1
#Vials/Sample: 1 Calculate % Reference: Off

Background Subtract: Off
Low CPM Threshold: Off
2 Sigma % Terminator: Off

Regions	LL	UL
A	0.0	18.6
B	18.6	156.0
C	0.0	2000.0

Count Corrections-

Static Controller: On Luminescence Correction: On
Colored Samples: n/a Heterogeneity Monitor: n/a
Coincidence Time (nsec): 18 Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

Regions	Half Life	Units	Reference Date	Reference Time
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES	PID	Custom1
1	13	7	22		76	
2	40	19	61		76	
3	57	44	106		76	
4	3	6	14		76	
5	39	16	57		76	
6	21	12	35		76	
7	19	17	42		76	
8	18	9	29		76	
9	24	10	38		76	
10	19	7	29		76	
11	14	13	29		76	

12	16	9	28	76
13	6	10	19	76
14	20	7	30	76
15	7	11	24	76
16	29	14	48	76
17	39	20	65	76
18	14	39	55	76
19	43	42	89	7
20	22	22	53	7
21	247	242	500	7
22	30	14	50	7
23	135	173	314	7
24	26	16	47	7
25	26	34	65	7
26	30	13	46	7
27	22	9	36	7
28	18	7	29	7
29	15	10	28	7
30	17	22	45	7
31	23	8	37	7
32	19	17	42	7
33	13	13	27	7
34	31	19	54	7
35	25	14	46	7
36	8	9	21	7
37	43	23	72	22
38	23	15	41	22
39	7	5	16	22
40	36	26	65	22
41	9	7	19	22
42	11	8	21	22
43	14	10	28	22
44	9	6	15	22
45	3	8	20	22
46	27	6	37	22
47	14	4	21	22
48	14	6	23	22
49	13	7	25	22
50	14	22	37	22
51	13	8	26	22
52	10	16	29	22
53	24	34	64	22
54	12	20	34	22
55	9	7	21	19
56	13	7	25	19
57	18	13	34	19
58	18	3	27	19
59	14	15	34	19
60	26	7	39	19
61	16	7	25	19
62	2	10	14	19
63	62	70	132	19
64	10	10	25	19
65	0	7	5	19
66	3	5	14	19
67	18	5	29	19
68	9	9	20	19
69	15	9	25	19
70	20	3	24	19
71	15	11	30	19
72	22	7	38	19
73	11	16	30	6
74	15	57	75	6

75	14	16	34	6
76	6	15	23	6
77	34	14	49	6
78	18	6	25	6
79	0	12	0	6
80	19	9	33	6
81	16	10	30	6
82	8	11	22	6
83	18	8	31	6
84	23	6	32	6
85	4	9	22	6
86	34	1	40	6
87	14	8	24	6
88	16	10	33	6
89	11	5	20	6
90	12	16	33	6
91	15	6	24	36
92	11	5	18	36
93	7	8	17	36
94	31	12	49	36
95	44	18	69	36
96	12	9	22	36
97	20	8	32	36
98	11	11	24	36
99	20	6	32	36
100	13	10	29	36
101	5	7	20	36
102	5	2	10	36
103	17	12	34	36
104	16	10	28	36
105	20	5	31	36
106	14	10	27	36
107	15	9	27	36
108	26	32	60	36
109	8	10	18	3
110	15	3	27	3
111	7	14	27	3
112	10	8	24	3
113	29	12	43	3
114	20	12	36	3
115	11	11	27	3
116	19	8	33	3
117	22	6	35	3
118	12	8	21	3
119	4	9	18	3
120	40	33	77	3
121	14	18	34	3
122	22	12	38	3
123	21	12	38	3
124	21	11	36	3
125	21	14	38	3
126	12	13	28	3
127	6	13	19	24
128	31	19	56	24
129	26	28	61	24
130	63	95	161	24
131	12	15	34	24
132	18	15	38	24
133	20	10	37	24
134	19	15	38	24
135	12	5	21	24
136	0	6	7	24
137	9	5	19	24

138	0	8	8	24
139	26	12	41	24

12/6/12

3/30/2013 8:54:41 AM

QuantaSmart (TM) - 2.03 - Serial# 431521

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Protocol# 2 - Room Decon.lsa

User: Bill Calver

Equipment Swipes 220 236 Area

11	24	6	32
12	20	10	31
13	4	4	16
14	10	4	17
15	8	6	19
16	17	6	26
17	14	5	25
18	23	7	37
19	0	6	10
20	7	9	23
21	0	3	4
22	9	8	22
23	98	42	145
24	212	182	401
25	0	4	3
26	0	12	14
27	5	5	20
28	10	4	14
29	16	9	31
30	4	9	19

Missing vial 31.

3190
140
141
142
143
144

32	20	8	32
33	14	15	36
34	7	11	29
35	17	15	39
36	14	4	27
37	3	3	13
38	19	1	21
39	27	5	39
40	23	8	39
41	11	4	18
42	16	8	27
43	0	4	7