

Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340

118A/A118

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Survey Purpose Radiologic Survey of Room

Date 2/27/2013

Performed by William H. Calver
(Print)

William H. Calver
(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.	1300	BACKGROUND	
2.		DOOR Outer	Upper
3.			Lower
4.		INNER	Upper
5.			Lower
6.		FRONT Wall, Left of Door	Upper
7.			Lower
8.			Upper
9.			Lower
10.		Left Wall	Upper
11.			Lower
12.		Left Rear Wall	Upper
13.			Lower
14.		Left Wall	Upper
15.			Lower
16.		Rear Wall	Upper
17.			Lower
18.	↓		Upper

Radiological Survey Continuation Sheet

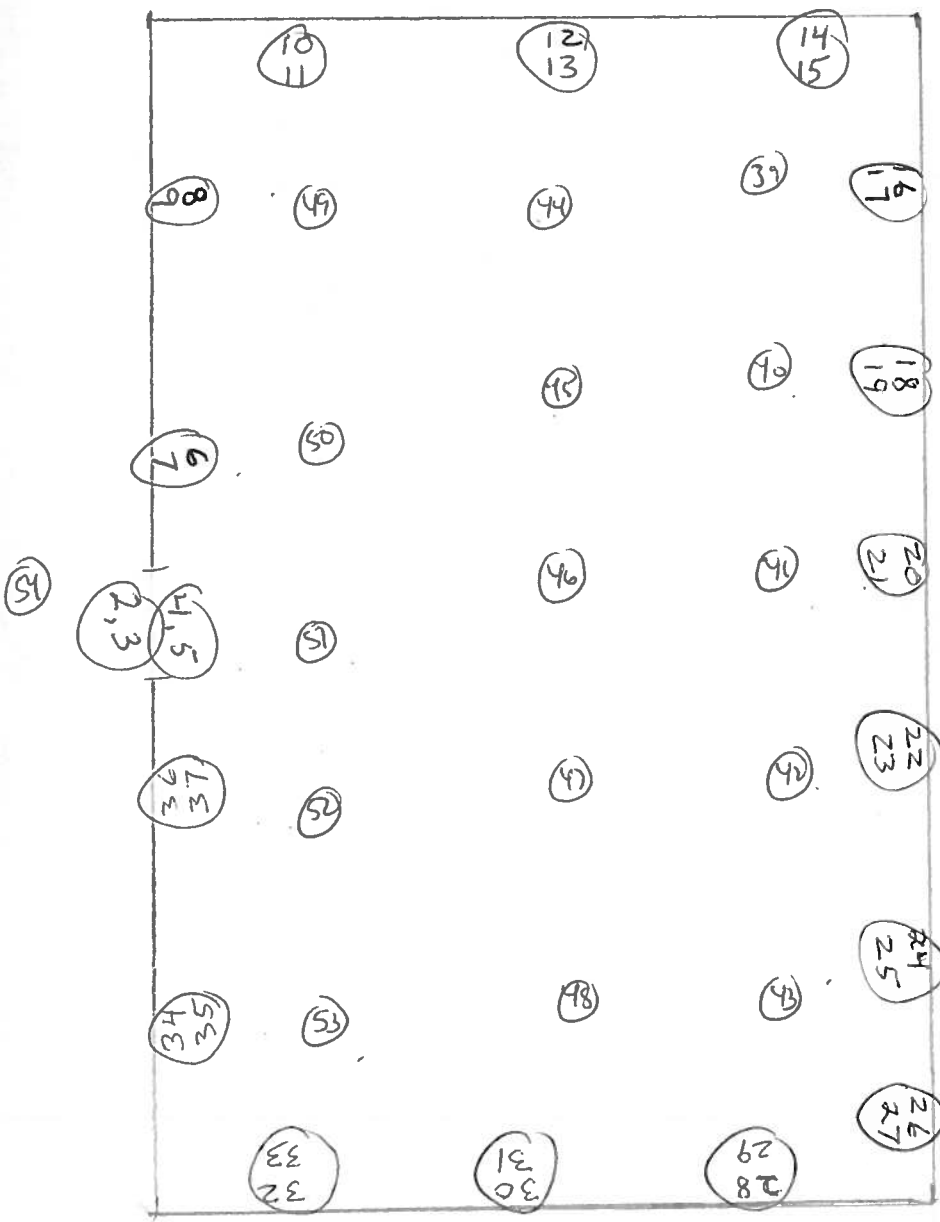
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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19	1330		Lower
20			Upper
21			Lower
22			Upper
23			Lower
24			Upper
25			Lower
26			Upper
27			Lower
28		Right Wall	Upper
29			Lower
30			Upper
31			Lower
32			Upper
33			Lower
34		Front Wall, Left	Upper
35			Lower
36			Upper
37	✓		Lower
38	1249	Backgrounds	
39		Floor	
40		Floor	
41		Floor	
42		Floor	
43		Floor	
44		Floor	
45		Floor	

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○ = wipe location

100% of land surfaces were surveyed using 43-68. No readings in excess of normal background levels were noted.

Protocol# 3 - bills swipes.lsa

Assay Definition-

Assay Description:
Background check for PM Lab (Mikey)

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\bc\bills swipes
Raw Results Path: C:\Packard\Tricarb\Results\bc\bills swipes\20130227_1421\20130227_1421.results
RTF File Name: C:\Packard\Tricarb\Results\bc\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	10	5	19		11	
2	7	8	16		11	
3	9	9	22		11	
4	13	8	26		11	
5	10	6	20		11	
6	8	7	15		11	
7	8	7	17		11	
8	7	10	24		11	
9	11	4	17		11	
10	11	10	24		11	
11	13	4	21		11	

12	15	4	21	11
13	13	5	21	11
14	9	4	17	11
15	13	7	23	11
16	10	3	18	11
17	6	5	17	11
18	16	5	26	11
19	8	7	22	5
20	10	11	25	5
21	8	2	16	5
22	7	4	16	5
23	4	7	17	5
24	8	2	14	5
25	4	7	12	5
26	11	7	21	5
27	5	6	14	5
28	16	9	32	5
29	9	5	18	5
30	7	9	19	5
31	8	6	18	5
32	5	0	7	5
33	12	6	21	5
34	7	7	20	5
35	7	4	13	5
36	8	5	17	5
37	8	4	18	32

12	16	13	33	1
13	11	10	27	1
14	10	8	21	1
15	13	8	27	1
16	5	8	18	1
17	8	8	19	1
18	7	5	15	1
19	13	14	29	29
20	9	6	18	29
21	23	15	39	29
22	16	11	37	29
23	5	5	10	29
24	13	7	23	29
25	10	5	20	29
26	9	10	21	29
27	11	9	21	29
28	14	9	29	29
29	10	7	20	29
30	9	6	20	29
31	12	4	21	29
Missing vial 32.				
33	16	8	26	29
34	8	6	18	29
35	13	7	26	29

Missing vial 36.					
38	37	8	6	19	9
39	38	10	6	20	9
40	39	12	4	19	9
41	40	9	4	17	9
42	41	11	3	18	9
43	42	9	3	13	9
44	43	9	5	19	9
45	44	10	1	14	9
46	45	11	8	25	9
47	46	8	9	21	9
48	47	11	3	18	9
49	48	10	6	21	9
50	49	7	9	24	9
51	50	14	9	32	9
52	51	7	4	14	9
53	52	18	6	30	9
54	53	14	5	26	9

Missing vial 54.				
55	7	5	18	28
56	19	7	29	28
57	15	6	24	28
58	16	8	29	28
59	20	7	31	28
60	18	1	20	28
61	44	24	72	28
62	19	9	29	28
63	10	3	18	28