

Radiological Survey Sheet

Job Location Pfizer Central Research Groton, CT Page 1 of 10

Survey Purpose Decommissioning B 316 Date 5/2/00

Performed By John D. Purcell (Print) [Signature] (Sign)

Inst.(1) (Model/SN) Beckman LS-6500 #7069448	Inst.(2) 2241-2 (Model/SN) 163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. 43-68 (Model/SN) 149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. $\approx 10\%$	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 500	Bkgd.
Cal. Due: 12/00	Cal. Due 02/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	8:15	DOOR	1	See attached LSC Printout
2.		FLOOR	1	0
3.		UPPER WALL	1	0
4.		LOWER WALL	1	0
5.		UPPER WALL	1	0
6.		LOWER WALL	1	6
7.		UPPER WALL	1	65
8.		LOWER WALL	1	0
9.		UPPER WALL	1	95
10.		LOWER WALL	1	43
11.		FLOOR	1	6
12.		FLOOR	1	0
13.		UPPER WALL	1	0
14.		LOWER WALL	1	1
15.		FLOOR	1	0
16.		UPPER WALL	1	38
17.		shelf	1	53
18.		LOWER WALL	1	0

30 cpm

Radiological Survey Continuation Sheet

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
19		Upper wall	1	0	
20		Shelf	1	0	
21		Lower wall	1	0	
22		Floor	1	0	
23		Shelf	1	15	
24		centrifuge	1	0	
25		Upper wall	1	15	
26		Lower wall	1	0	
27		Upper wall	1	9	
28		Lower wall	1	10	
29		Upper wall	1	10	
30		Lower wall	1	50	
31		Upper wall	1	0	
32		Lower wall	1	5	
33		Floor	1	0	
34		Floor	1	0	
35		Floor	1	0	
36		Wall	1	11	
37		Wall	1	16	
38		Shelf	1	10	
39		Desk Top	1	0	
40		Drawer	1	4	
41		Outer Drawers	1	0	
42		Top Drawer	1	0	
43		Drawer	1	0	
44		"	1	12	
45		Bottom Drawer	1	2	
46	✓	Outer Drawers	1	0	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
47		Top Drawer	1	5	
48		Drawer	1	0	
49		Cabinet	1	35	
50		Desk Top	1	0	
51		Drawer	1	7	
52		Door	1	0	
53		Drawer Door handle	1	0	
54		Upper wall	1	1	
55		Lower wall	1	50	
56		Upper wall	1	0	
57		Lower wall	1	50	
58		Desk Top	1	43	
59		Floor	1	0	
60		"	1	0	
61		Floor	1	0	
62		"	1	0	
63		Floor	1	1	
64		Floor	1	0	
65		Floor	1	0	
66		Floor	1	2	
67		Wall	1	0	
68		Wall	1	0	
69		Wall	1	0	
70		Desk Top	1	0	
71		Floor	1	0	
72		Floor	1	49	
73		Floor	1	13	
74	✓	Wall Unit	1	0	

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Date 5/2/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
75		Top Shelf	1	6	
76		Shelf	1	0	
77		Shelf	1	0	
78		Bottom Shelf	1	0	
79		Wall Unit	1	0	
80		Top Shelf	1	0	
81		Shelf	1	95	
82		Shelf	1	48	
83		Bottom Shelf	1	12	
84		Wall Unit	1	0	
85		Top Shelf	1	0	
86		Shelf	1	40	
87		Shelf	1	0	
88		Bottom Shelf	1	0	
89		Wall Unit	1	43	
90		Top Shelf	1	13	
91		Shelf	1	98	
92		Shelf	1	49	
93		Bottom Shelf	1	0	
94		Wall Unit	1	0	
95		Top Shelf	1	0	
96		Shelf	1	46	
97		Shelf	1	0	
98		Bottom Shelf	1	0	
99		Counter	1	0	
100		Counter	1	2	
101		Counter	1	77	
102	✓	Counter	1	2	

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Date 5/2/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
102		Outer cabinet	1	0	
103		Cabinet shelf	1	130	
104		" "	1	65	
105		outer cabinet	1	0	
106		cabinet shelf	1	0	
107		cabinet shelf	1	0	
108		outer cabinet	1	7	
109		cabinet shelf	1	0	
110		cabinet shelf	1	68	
111		outer cabinet	1	0	
112		cabinet shelf	1	0	
113		cabinet shelf	1	1	
114		Cabinet doors	1	0	
115		cabinet	1	9	
116		Faucet	1	0	
117		Sink	1	0	
118		inner door	1	70	
119		Top Shelf	1	6	
120		Shelf	1	35	
121		wall	1	0	
122		Upper wall	1	13	
123		lower wall	1	16	
124		inner auto lock	1	0	
125		Top of "	1	0	
126		sides of "	1	0	
127		Wall	1	0	
128		Faucet	1	0	
129		Sink	1	0	

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Date 5/2/64

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
130		Drain	1	2	
131		Counter	1	0	
132		Outer Cabinet	1	7	
133		Inner Cabinet	1	0	
134		Wall Unit	1	76	
135		Top shelf	1	0	
136		shelf	1	2	
137		shelf	1	0	
138		Bottom shelf	1	0	
139		Wall	1	0	
140		Desk Top	1	78	
141		(L) Drawer	1	35	
142		(R) Drawer	1	38	
143		Top Shelf	1	0	
144		shelf	1	0	
145		shelf	1	10	
146		shelf	1	12	
147		Bottom Shelf	1	120	
148		Upper wall	1	0	
149		Lower wall	1	30	
150		Floor	1	2	
151		Floor	1	0	
152		Box #1	1	7	
153		Box #2	1	1	
154		" #3	1	0	
155		Box #4	1	2	
156		Box #6	1	50	
157	✓	Box 7	1	0	

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Date 5/2/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
158		Box #8	1	6	
159		Kirk Filter	1	16	
160		Flask	1	0	
161		11	1	0	
162		Gel Pump	1	58	
163		Light	1	0	
164		Light	1	46	
165		Rack w/1	1	0	
166		Knife	1	11	
167		Brackets	1	0	
168		Wall Brackets	1	2	
169		Shelf	1	60	
170		Shelf	1	65	
171		Shelf	1	16	
172		Scissors	1	0	
173		Trash can	1	0	
174		Recycle can	1	0	
175		Tin Rack	1	43	
176		Surge Protector	1	7	
177		Lead Brick	1	0	
178		Wood	1	5	
179		Nose	1	43	
180		Clamps	1	16	
181		Clamps	1	0	
182		Clamps	1	0	
183		Cylinders	1	6	
184		Scissors	1	0	
185	✓	Hose	1	0	

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Date 5/2/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
186		Hose	1	0	
187		Hose	1	1	
188		Hose	1	35	
189		Plastic Bag	1	0	
190		XRAY TRAYS	1	0	
191		Methanol Bottle	1	0	
192		Box	1	48	
193		Plastic Adhes	1	0	
194		TRAY	1	11	
195		"	1	0	
196		TRAY	1	0	
197		TRAY	1	70	
198		Particle Board	1	46	
199		Bag of wheels	1	0	
200		Baskets	1	0	
201		TRAY	1	1	
202		TRAY 195	1	0	
203		Waite Meter	1	4	
204		Box	1	0	
205		Hose	1	4	
206		Hose	1	0	
207		Books	1	57	
208		Bag	1	43	
209		Towels	1	10	
210		white TRAY	1	0	
211		Black Box DP Box	1	0	
212		Box	1	0	
213	✓	Black Bowl	1	5	

Radiological Survey Continuation Sheet

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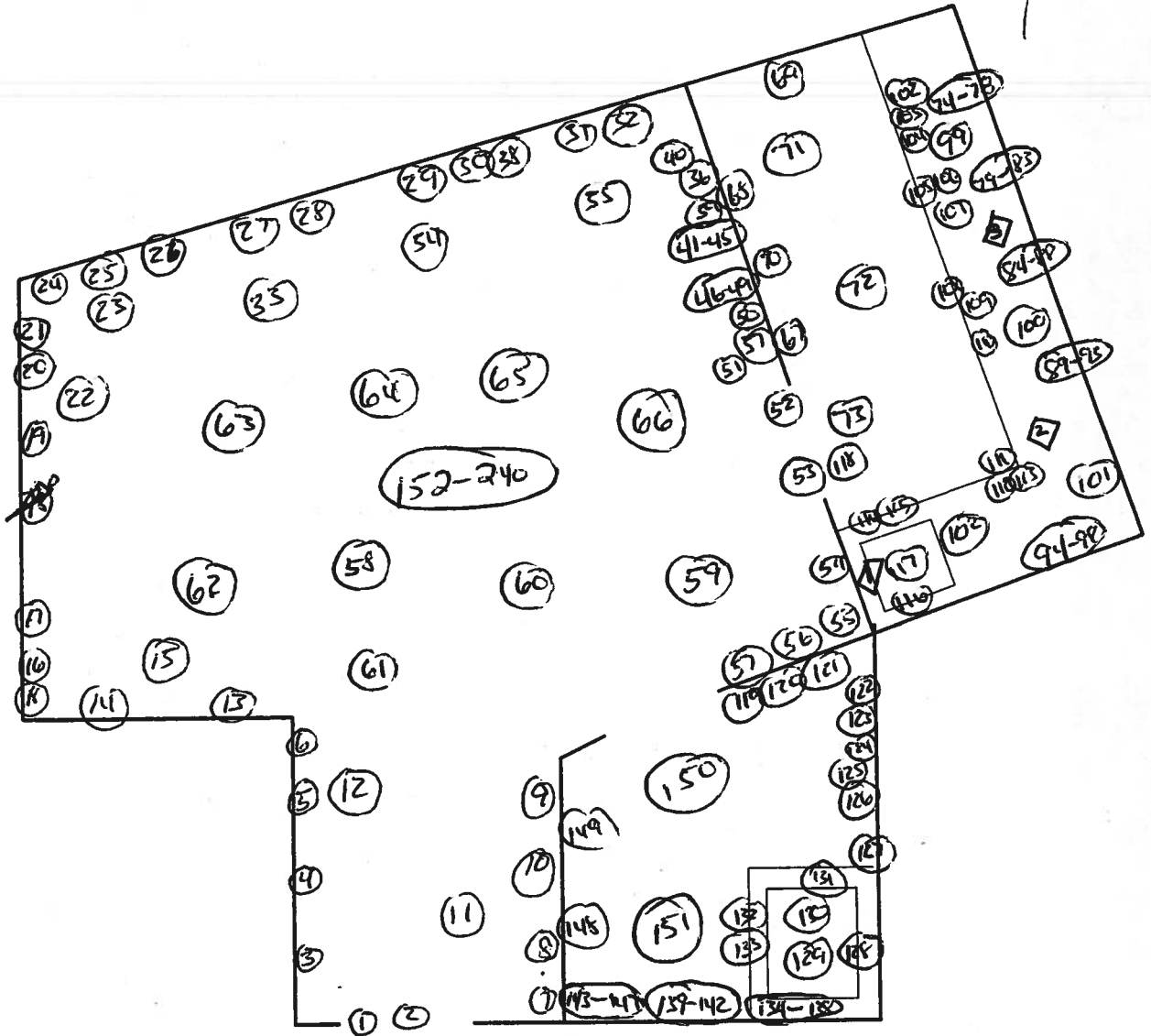
No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)	Comments
214		Box	1	0	
215		Box	1	6	
216		containers	1	0	
217		funnel	1	0	
218		Books	1	0	
219		Boxes	1	15	
220		Sign	1	0	
221		Flask	1	0	
222		Vial RACK	1	2	
223		Black Blocks	1	6	
224		Freezer mill	1	0	
225		Bottle	1	0	
226		Funnel	1	12	
227		Bottle	1	0	
228		Cylinder	1	0	
229		can	1	0	
230		"	1	0	
231		can	1	0	
232		"	1	0	
233		Kodak Box	1	81	RAD waste ✓
234		CEL-GRO	1	0	
235		Thermodyne	1	0	
236		Black green bowl	1	85	RAD WASTE ✓
237		Box	1	7	
238		superwax container	1	0	
239		Hose	1	6	
240		Tools	1	0	
241	2:00	Post Decou # 9	1	7	

5/1/00

Bld. 118B Room B316

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Date: 5/2/00



Surveyed 100% of lower surfaces using instrument #2. All surfaces surveyed were noted to be at normal background levels, with the following exceptions.

- 1 Sink Drain strainer found to be contaminated to a level of 888 dpm/100 cm². (redmark)
- 2 Counter contaminated to a level of 48,150 dpm/100 cm². Decayed to normal background.
- 3 Counter contaminated to a level of 70,125 dpm/100 cm². Decayed to normal background.

Protocol #:27

rad safety dept

Time: 1.00

Data Mode: CPM

Nuclide: MANUAL

Background Subtract: 1st Vial

	LL	UL	LCR	2S%	BKG
Region A:	0.0 - 18.6		0	0.0	16.60
Region B:	18.6 - 156		0	0.0	7.50
Region C:	0.0 - 2000		0	0.0	30.30

Quench Indicator: tSIE/AEC

Ext Std Terminator: Count

Luminescence Correction On

Coincidence Time(ns): 0

Delay Before Burst(ns): 0

Protocol Data Filename: C:\drugmet\f2500\PROT.DAT

Count Data Filename: c:\drugmet\f2500\sdata27.050

Spectrum Data Drive & Path: c:\kermit

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
1	10.00	16.60	7.50	30.30	16.787	479.44	62	B
2	1.00	0.00	0.00	0.00	0.000	482.15	91	
3	1.00	0.00	3.02	0.00	5.938	444.54	85	
4	1.00	0.00	0.00	0.00	3.563	481.23	90	
5	1.00	0.00	1.50	0.00	4.655	418.49	82	
6	1.00	2.40	1.50	4.70	11.937	479.12	70	
7	1.00	17.40	3.50	23.70	5.323	409.67	77	
8	1.00	0.00	1.45	0.00	0.000	470.45	93	
9	1.00	31.76	5.14	37.70	7.401	470.56	70	
10	1.00	14.07	2.83	16.70	9.280	479.71	71	
11	1.00	2.49	2.41	4.70	7.254	492.10	80	
12	1.00	0.00	0.00	0.00	1.353	447.47	90	
13	1.00	0.00	0.00	0.00	2.048	436.17	86	
14	1.00	2.75	0.15	0.70	0.000	470.33	73	
15	1.00	0.00	0.00	0.00	0.000	472.38	98	
16	1.00	12.40	0.00	13.70	7.846	425.42	66	
17	1.00	20.40	0.00	20.70	0.000	466.72	51	
18	1.00	0.00	2.50	0.00	4.836	407.23	100	
19	1.00	0.00	0.00	0.00	0.000	466.99	100	
20	1.00	0.00	0.50	0.00	0.000	457.72	87	
21	1.00	0.00	0.00	0.00	1.765	382.52	96	
22	1.00	0.00	0.00	0.00	0.000	477.43	100	
23	1.00	12.40	1.50	11.70	2.204	419.73	77	
24	1.00	0.52	0.00	0.00	2.228	433.93	93	
25	1.00	12.40	2.50	11.70	3.508	469.25	82	
26	1.00	0.00	0.50	0.00	3.424	490.70	93	
27	1.00	8.40	0.50	6.70	3.222	486.40	80	
28	1.00	13.40	0.00	7.70	3.364	487.94	72	
29	1.00	7.51	0.39	7.70	1.115	463.31	76	
30	1.00	24.40	0.00	19.70	0.000	491.43	67	
31	1.00	2.90	0.00	0.00	0.000	474.83	81	
32	1.00	8.33	0.00	3.70	0.000	457.88	79	
33	1.00	0.00	0.00	0.00	3.190	452.83	100	
34	1.00	0.00	0.00	0.00	0.000	443.80	93	
35	1.00	0.55	0.00	0.00	0.054	451.74	84	
36	1.00	7.18	2.72	8.70	0.916	412.58	78	
37	1.00	13.37	0.00	12.70	2.925	429.50	62	

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S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
38	1.00	8.40	0.00	7.70	1.252	454.26	78	
39	1.00	0.00	0.00	0.00	0.000	450.15	99	
40	1.00	7.40	0.00	2.70	0.000	442.35	69	
41	1.00	0.00	2.50	0.00	6.065	426.99	97	
42	1.00	0.00	0.00	0.00	2.103	479.64	92	
43	1.00	0.00	7.33	0.00	12.417	464.93	83	
44	1.00	0.40	4.50	9.70	8.390	438.15	85	
45	1.00	4.25	0.00	1.70	2.137	425.99	86	
46	1.00	0.00	2.50	0.00	2.991	430.33	100	
47	1.00	4.61	0.00	3.70	0.000	466.18	86	
48	1.00	0.00	0.50	0.00	0.000	443.29	75	
49	1.00	10.68	0.00	12.70	4.467	438.86	75	
50	1.00	0.00	3.50	0.00	2.771	463.04	96	
51	1.00	7.92	0.00	5.70	1.505	475.50	83	
52	1.00	0.00	0.00	0.00	0.000	453.51	90	
53	1.00	0.00	0.00	0.00	0.000	487.01	95	
54	1.00	1.54	0.00	0.70	0.000	491.75	75	
55	1.00	21.40	0.50	19.70	10.488	482.92	59	
56	1.00	0.00	0.00	0.00	71.679	472.70	76	
57	1.00	24.40	0.00	19.70	0.000	478.77	47	
58	1.00	16.40	0.00	16.70	0.000	468.82	62	
59	1.00	0.00	0.00	0.00	0.000	474.05	100	
60	1.00	0.00	0.00	0.00	0.000	436.00	75	
61	1.00	0.00	0.00	0.00	6.267	460.72	86	
62	1.00	0.00	0.00	0.00	0.565	465.76	91	
63	1.00	0.00	2.50	0.70	3.521	469.04	84	
64	1.00	0.00	0.00	0.00	2.043	464.11	94	
65	1.00	0.00	0.00	0.00	0.000	465.02	87	
66	1.00	2.40	2.50	1.70	5.106	463.49	81	
67	1.00	0.00	0.00	0.00	3.375	458.83	96	
68	1.00	0.00	0.50	0.00	5.467	466.94	91	
69	1.00	0.00	2.50	0.00	5.330	473.34	39	
70	1.00	0.00	0.00	0.00	2.551	481.87	93	
71	1.00	0.00	0.00	0.00	1.794	444.67	100	
72	1.00	11.40	0.50	17.70	4.973	427.81	87	
73	1.00	11.40	1.50	10.70	0.402	458.46	74	
74	1.00	2.40	0.00	0.00	43.817	465.76	68	
75	1.00	0.40	2.50	4.70	120.86	472.19	63	
76	1.00	0.00	0.00	0.00	0.000	470.18	85	
77	1.00	0.00	0.50	0.00	0.000	454.55	84	
78	1.00	0.00	0.50	0.00	0.864	470.07	80	
79	1.00	0.00	0.50	0.00	2.837	443.40	89	
80	1.00	0.00	0.00	0.00	0.000	474.91	88	
81	1.00	31.40	3.50	34.70	4.989	429.72	73	
82	1.00	21.40	0.00	18.70	1.707	460.99	80	
83	1.00	6.75	3.15	9.70	7.740	440.77	85	
84	1.00	0.00	2.50	0.00	6.277	444.87	100	
85	1.00	0.00	4.78	0.00	9.322	481.40	88	
86	1.00	20.40	0.00	15.70	2.834	472.94	80	
87	1.00	0.00	0.00	0.00	0.000	433.47	100	
88	1.00	0.00	0.00	0.00	0.175	439.38	87	
89	1.00	16.40	0.00	15.70	2.137	400.56	80	
90	1.00	14.40	0.00	10.70	0.000	454.20	77	

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
91	1.00	40.40	0.00	38.70	4.165	453.55	80	
92	1.00	18.40	0.00	17.70	0.000	445.01	77	

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94	1.00	0.00	0.00	0.00	0.000	434.46	89
95	1.00	0.00	0.00	0.00	6.110	471.45	100
96	1.00	9.42	7.48	16.70	17.450	431.15	70
97	1.00	0.00	0.00	0.00	0.000	467.77	96
98	1.00	0.00	0.00	0.00	0.000	452.70	98
99	1.00	4.23	0.00	0.00	0.000	455.14	82
100	1.00	0.00	1.15	1.70	2.139	470.51	75
101	1.00	41.62	18.28	62.70	11.782	404.26	59
102	1.00	5.40	0.50	1.70	2.560	423.42	88
103	1.00	50.26	1.64	47.70	3.323	398.93	79
104	1.00	25.94	0.96	25.70	4.972	475.92	77
105	1.00	0.00	1.50	0.00	9.761	465.39	94
106	1.00	0.00	6.50	0.00	6.851	449.82	97
107	1.00	0.00	0.00	0.00	1.302	455.89	100
108	1.00	7.40	0.00	5.70	7.425	462.46	82
109	1.00	0.00	0.50	0.00	4.927	457.21	93
110	1.00	27.40	0.50	26.70	8.679	476.17	77
111	1.00	0.00	0.00	0.00	3.063	451.25	87
112	1.00	0.00	0.00	0.00	5.785	474.41	93
113	1.00	1.40	0.50	0.70	0.000	484.57	76
114	1.00	0.00	0.00	0.00	0.000	482.53	66
115	1.00	2.70	3.20	6.70	9.954	468.89	69
116	1.00	0.40	1.50	0.00	14.197	484.78	79
117	1.00	0.00	3.50	0.00	13.617	420.50	86
118	1.00	17.40	30.50	56.70	31.128	465.55	58
119	1.00	5.40	1.50	4.70	7.625	458.21	70
120	1.00	16.74	0.00	13.70	0.000	470.22	56
121	1.00	0.00	1.50	0.00	0.213	471.00	86
122	1.00	14.68	0.00	10.70	0.606	468.35	83
123	1.00	15.40	0.00	12.70	1.980	479.02	80
124	1.00	0.00	0.50	0.00	0.152	423.18	100
125	1.00	0.00	3.50	0.00	5.652	467.85	99
126	1.00	4.40	0.00	0.00	1.119	445.08	86
127	1.00	2.40	0.00	0.00	1.867	451.65	85
128	1.00	0.00	1.89	0.00	7.061	478.17	91
129	1.00	0.00	1.50	0.00	3.685	473.00	98
130	1.00	6.31	0.00	1.70	0.000	457.47	76
131	1.00	0.00	0.00	0.00	0.000	465.76	85
132	1.00	4.40	2.50	5.70	7.479	456.11	80
133	1.00	0.00	2.50	0.00	114.65	469.10	89
134	1.00	24.40	0.00	27.70	1.738	375.07	84
135	1.00	0.00	0.00	0.00	2.514	477.12	94
136	1.00	9.40	0.00	1.70	0.000	451.63	81
137	1.00	0.00	0.50	0.00	0.000	460.18	100
138	1.00	0.00	0.00	0.00	0.000	453.50	94
139	1.00	0.00	2.50	0.00	2.364	450.61	92
140	1.00	24.40	0.00	22.70	0.000	479.76	53
141	1.00	12.40	0.00	13.70	2.007	473.15	80
142	1.00	11.40	5.50	14.70	7.135	483.85	80
143	1.00	0.00	3.50	0.00	10.089	477.57	95

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
144	1.00	0.00	0.00	0.00	0.047	448.53	93	
145	1.00	8.40	0.50	7.70	3.207	454.38	88	
146	1.00	17.05	0.00	9.70	2.415	484.52	86	
147	1.00	39.40	3.50	47.70	3.116	478.24	71	
148	1.00	0.00	0.00	0.00	6.387	449.97	86	
149	1.00	17.40	0.00	11.70	0.000	481.44	64	
150	1.00	5.40	0.00	1.70	0.255	468.28	80	
151	1.00	0.00	0.00	0.00	0.000	450.10	00	

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153	1.00	9.40	0.00	0.70	0.000	471.08	78
154	1.00	0.00	0.50	0.00	0.000	473.05	88
155	1.00	1.40	1.50	1.70	4.216	463.37	79
156	1.00	21.40	0.00	19.70	2.558	475.92	79
157	1.00	0.00	0.00	0.00	0.000	456.99	95
158	1.00	11.40	0.00	4.70	0.000	464.72	73
159	1.00	8.08	1.82	12.70	64.605	450.50	57
160	1.00	0.00	0.00	0.00	0.000	454.22	79
161	1.00	0.00	3.50	0.00	4.004	434.32	93
162	1.00	26.40	0.00	22.70	2.805	481.66	83
163	1.00	0.00	0.00	0.00	0.000	470.60	94
164	1.00	25.52	0.00	16.70	1.589	447.17	79
165	1.00	4.40	0.00	0.00	3.879	456.32	90
166	1.00	8.52	2.38	8.70	5.061	463.56	83
167	1.00	0.00	1.50	0.00	6.629	463.98	99
168	1.00	3.40	0.50	1.70	1.834	467.37	80
169	1.00	25.40	0.50	23.70	5.723	466.80	74
170	1.00	24.40	1.50	25.70	7.945	459.95	67
171	1.00	11.40	2.50	12.70	10.644	444.85	79
172	1.00	0.00	0.48	0.00	5.493	460.64	83
173	1.00	0.00	0.00	0.00	0.000	476.19	89
174	1.00	0.00	1.50	0.00	98.203	481.82	85
175	1.00	17.40	0.50	16.70	3.165	478.87	70
176	1.00	9.40	1.50	5.70	9.160	439.98	75
177	1.00	0.00	0.00	0.00	0.000	462.37	90
178	1.00	9.40	0.00	3.70	0.250	443.17	80
179	1.00	22.40	0.00	15.70	0.000	393.93	71
180	1.00	10.40	0.50	12.70	5.777	452.58	75
181	1.00	0.00	1.32	0.00	4.006	465.26	96
182	1.00	0.00	0.00	0.00	3.141	473.17	93
183	1.00	1.40	0.00	4.70	2.406	452.82	89
184	1.00	0.00	0.00	0.00	1.245	461.02	97
185	1.00	1.40	0.00	0.00	1.061	455.51	88
186	1.00	0.00	1.27	0.00	4.429	466.77	92
187	1.00	3.07	0.00	0.70	0.000	450.24	86
188	1.00	16.40	0.00	13.70	0.000	471.58	80
189	1.00	0.00	0.00	0.00	0.000	466.52	93
190	1.00	0.00	0.00	0.00	1.417	446.06	93
191	1.00	0.00	0.00	0.00	0.000	465.44	83
192	1.00	23.40	0.00	18.70	0.000	461.24	80
193	1.00	0.00	0.50	0.00	3.750	493.27	93
194	1.00	10.40	0.00	8.70	0.000	465.99	49
195	1.00	0.00	0.50	0.00	2.184	460.43	79
196	1.00	0.00	0.11	0.00	1.718	471.67	99

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
197	1.00	31.40	0.00	27.70	2.910	453.22	76	
198	1.00	21.40	0.00	16.70	0.000	449.50	65	
199	1.00	20.00	0.00	20.00	0.000	447.57	81	
200	1.00	20.00	0.00	20.00	0.000	447.57	100	

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Protocol #:27 rad safety dept User :

Time: 1.00
Data Mode: CPM Nuclide: MANUAL
Background Subtract: 1st Vial

	LL	UL	LCR	2S%	BKG
Region A:	0.0 - 18.6		0	0.0	17.42
Region B:	18.6 - 156		0	0.0	7.18
Region C:	0.0 - 2000		0	0.0	30.60

Quench Indicator: tSIE/AEC
Ext Std Terminator: Count
Luminescence Correction On
Coincidence Time(ns): 0
Delay Before Burst(ns): 0
Protocol Data Filename: C:\drugmet\f2500\PROT.DAT
Count Data Filename: c:\drugmet\f2500\sdata27.051
Spectrum Data Drive & Path: c:\kermit

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
1	10.00	17.42	7.18	30.60	10.616	461.79	79	B

2014	1.00	0.00	0.00	0.40	0.000	440.21	86
2025	1.00	0.00	0.00	0.00	0.000	408.70	100
2036	1.00	4.58	0.00	3.40	0.000	457.18	80
2047	1.00	0.00	0.00	0.00	0.000	445.94	98
2058	1.00	0.50	0.90	3.40	30.098	457.82	81
2069	1.00	0.00	0.00	0.00	4.930	459.28	87
2080	1.00	25.58	0.00	21.40	0.744	448.58	68
2091	1.00	14.58	6.82	17.40	98.173	462.18	64
2102	1.00	10.58	0.00	8.40	0.000	465.44	84
2113	1.00	0.00	0.00	0.00	3.951	389.50	100
2124	1.00	0.00	3.38	0.00	0.000	443.64	90
2135	1.00	0.00	1.82	0.00	0.000	425.46	86
2146	1.00	7.58	1.82	4.40	0.000	430.67	61
2157	1.00	0.00	1.74	0.00	0.000	462.48	100
2168	1.00	1.95	2.45	5.40	8.280	471.06	80
2179	1.00	2.58	0.00	0.00	0.000	447.24	87
2190	1.00	0.00	0.00	0.00	0.000	451.31	99
2201	1.00	0.00	0.00	0.00	2.446	471.67	97
2212	1.00	16.58	0.00	12.40	3.157	469.38	80
2223	1.00	0.00	0.00	0.00	12.252	458.76	86
2234	1.00	0.00	0.82	0.00	0.794	462.99	90
2245	1.00	7.58	0.00	2.40	0.000	458.01	85
2256	1.00	0.00	6.82	5.40	0.000	436.97	78
2267	1.00	0.00	0.00	0.00	0.000	451.94	100
2278	1.00	0.00	0.00	0.00	0.000	456.65	100
2289	1.00	14.58	0.00	10.40	0.000	454.57	78
2300	1.00	0.00	0.00	0.00	0.000	462.44	91
2311	1.00	0.00	0.00	0.00	0.000	426.37	85
2322	1.00	0.00	0.00	0.00	0.000	429.55	89
2333	1.00	0.00	3.82	0.00	23.272	440.19	85
2344	1.00	2.58	0.00	0.40	0.000	441.34	84
2355	1.00	0.00	0.82	0.00	0.000	438.85	77
2366	1.00	28.07	3.33	30.40	0.000	445.13	53
2377	1.00	0.00	4.82	0.00	0.000	433.09	100

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S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
2358	1.00	0.00	2.82	0.00	0.000	451.45	72	
2369	1.00	26.58	5.82	34.40	4.514	466.37	63	
2370	1.00	9.34	0.00	6.40	0.000	453.16	74	
2381	1.00	10.73	0.00	0.40	0.000	405.56	89	
2392	1.00	9.58	0.00	5.40	0.000	467.68	72	
2403	1.00	0.00	0.00	0.00	0.000	469.21	88	

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Protocol #:27

TRI-CARB - 1.09
rad safety dept

Page #1
User :

Time: 1.00
Data Mode: CPM Nuclide: MANUAL
Background Subtract: 1st Vial

	LL	UL	LCR	25%	BKG
Region A:	0.0 - 18.6		0	0.0	4.70
Region B:	18.6 - 156		0	0.0	6.40
Region C:	0.0 - 2000		0	0.0	15.50

Quench Indicator: tSIE/AEC
Ext Std Terminator: Count
Luminescence Correction On
Coincidence Time(ns): 0
Delay Before Burst(ns): 0
Protocol Data Filename: C:\drugmet\12500\PROT.DAT
Count Data Filename: c:\drugmet\12500\data27.062
Spectrum Data Drive & Path: c:\kermit

S#	TIME	CPMA	CPMB	CPMC	SIS	tSIE	LUM	FLAG
1	10.00	4.70	6.40	15.50	7.212	395.22	94	B
241	1.00	8.30	0.00	5.50	0.000	380.39	90	
242	1.00	21.30	0.60	26.50	0.000	387.41	77	
243	1.00	0.00	0.00	2.50	0.000	393.31	95	
244	1.00	3.30	0.00	2.50	0.000	386.06	91	
245	1.00	0.01	0.00	0.50	0.000	396.82	96	
246	1.00	3.30	0.00	2.50	0.000	394.82	88	
247	1.00	23.30	0.00	23.50	0.000	390.30	77	
248	1.00	12.30	1.60	13.50	0.000	384.80	84	
249	1.00	0.00	0.00	0.00	0.000	372.69	100	