

## Radiological Survey Sheet

Job Location PFIZER INC, GROTON, CT 06340 118w/w214A Page 1 of 12

Survey Purpose Radiologic Survey of Equipment / LAB Date 10/9/08

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   | Wallac Model 1409 S/N 4061042 |
| Det. (Model/SN)        | Internal                    | Internal                    | Ludlum 43-68 PR 149613 | Internal                      |
| Type Rad.              | $\beta$                     | $\beta$                     | $\beta$                | $\beta$                       |
| Cal. Due:              | 09/03/2009                  | 09/03/2009                  | 04/07/2009             | 09/05/2009                    |
| Check Instruments Used |                             | ✓                           | ✓                      |                               |

| No. | Time | Locations                                  | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|--|---|
| 1.  | 0715 | BACKGROUND                                 |   |
| 2.  |      | Roof Outer                                 |   |
| 3.  |      | INNER                                      |   |
| 4.  |      | Safety Plunger                             |   |
| 5.  |      | FRONT Left Wall Storage Shelving Top Shelf | Left  |
| 6.  |      |  | Right   |
| 7.  |      |  | SECOND Shelf Left   |
| 8.  |      |  | Right   |
| 9.  |      |  | Third Shelf Left  |
| 10. |      |  | Right   |
| 11. |      |  | Fourth Shelf Left   |
| 12. |      |  | Right   |
| 13. |      | FRONT Left Wall                            | Upper   |
| 14. |      |  | Lower   |
| 15. |      |  | 2ND Upper   |
| 16. |      |  | Lower   |
| 17. |      |  | 3RD Upper   |
| 18. |      |  | Lower   |

Surveyed 100% of lower surfaces using 43-68. NO READINGS IN EXCESS OF NORMAL BACKGROUND NOTED.

# Radiological Survey Continuation Sheet

Page 2 of 12

Date 10/9/08

118W/w214A

| No. | Time | Locations | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|-----------|---|
| 19  | 0730 |           | Left Wall 1ST RACK Top Shelf Left                                       |
| 20  |      |           | Right   |
| 21  |      |           | 2ND Shelf Left  |
| 22  |      |           | Right   |
| 23  |      |           | 3RD Shelf Left  |
| 24  |      |           | Right   |
| 25  |      |           | 4th Shelf Left  |
| 26  |      |           | Right   |
| 27  |      |           | 5TH Shelf Left  |
| 28  |      |           | Right   |
| 29  |      |           | 2ND Rack Top Shelf Left   |
| 30  |      |           | Right   |
| 31  |      |           | 2ND Left  |
| 32  |      |           | Right   |
| 33  |      |           | 3RD Left  |
| 34  |      |           | Right   |
| 35  |      |           | 4TH Left  |
| 36  |      |           | Right   |
| 37  |      |           | 5TH Left  |
| 38  |      |           | Right   |
| 39  |      |           | 3RD Rack Top Shelf Left   |
| 40  |      |           | Right   |
| 41  |      |           | 2ND Left  |
| 42  |      |           | Right   |
| 43  |      |           | 3RD Left  |
| 44  |      |           | Right   |
| 45  | ✓    |           | 2TH Left  |

# Radiological Survey Continuation Sheet

Page 3 of 12

Date 10/9/08

118W/W214A

| No. | Time | Locations                           | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|-------------------------------------|---|
| 46  | 0750 |                                     | 4TH RIGHT   |
| 47  |      | Wheels FRONT                        | Left  |
| 48  |      |                                     | Right   |
| 49  |      | Left Wall from FRONT                | Upper   |
| 50  |      |                                     | Lower   |
| 51  |      | 2ND                                 | Upper   |
| 52  |      |                                     | Lower   |
| 53  |      | 3RD                                 | Upper   |
| 54  |      |                                     | Lower   |
| 55  |      | 4TH                                 | Upper   |
| 56  |      |                                     | Lower   |
| 57  |      | Rear Wall above Bench Top from Left | Upper   |
| 58  |      |                                     | Lower   |
| 59  |      |                                     | Upper   |
| 60  |      |                                     | Lower   |
| 61  |      |                                     | Upper   |
| 62  |      |                                     | Lower   |
| 63  |      |                                     | Upper   |
| 64  |      |                                     | Lower   |
| 65  |      |                                     | Upper   |
| 66  |      |                                     | Lower   |
| 67  |      | Bench Top from Left                 | FRONT   |
| 68  |      |                                     | REAR  |
| 69  |      |                                     | 2ND   |
| 70  |      |                                     |   |
| 71  |      |                                     | 3RD   |
| 72  | ↓    |                                     |   |

# Radiological Survey Continuation Sheet

Page 4 of 12

Date 10/9/08

118W/W214A

| No. | Time | Locations                         | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |            |
|-----|------|-----------------------------------|---|------------|
| 73  | 0810 | Bench Top                         | 4TH   | FRONT      |
| 74  |      |                                   |   | REAR       |
| 75  |      |                                   | 5TH   |            |
| 76  |      |                                   |   |            |
| 77  |      |                                   | 6TH   |            |
| 78  |      |                                   |   |            |
| 79  |      |                                   | 7TH   |            |
| 80  |      |                                   |   |            |
| 81  |      |                                   | 8TH   |            |
| 82  |      |                                   |   |            |
| 83  |      |                                   | 9TH   |            |
| 84  |      |                                   |   |            |
| 85  |      |                                   | 10TH  |            |
| 86  |      |                                   |   |            |
| 87  |      | Below Bench Top Cabinet from left | Left Door   |            |
| 88  |      |                                   | Right   |            |
| 89  |      |                                   | Inside Top Shelf  | Left       |
| 90  |      |                                   |   | Middle     |
| 91  |      |                                   |   | Right      |
| 92  |      |                                   | Lower Shelf   | Left       |
| 93  |      |                                   |   | Middle     |
| 94  |      |                                   |   | Right      |
| 95  |      |                                   | 2nd Outer   | Left Door  |
| 96  |      |                                   |   | Right Door |
| 97  |      |                                   | Top Shelf   | Left       |
| 98  |      |                                   |   | Right      |
| 99  | ↓    |                                   | Lower   | Left       |

# Radiological Survey Continuation Sheet

Page 5 of 12

Date 10/9/08

118CW/W214A

| No. | Time | Locations                            | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|--------------------------------------|---|
| 100 | 0830 |                                      |   |
| 101 |      |                                      | Lower Right   |
| 102 |      |                                      | 3RD Cabinet Outer Doors Left  |
| 103 |      |                                      | Top Shelf Right   |
| 104 |      |                                      | Left  |
| 105 |      |                                      | Lower Shelf Left  |
| 106 |      |                                      | Right   |
| 107 |      |                                      | 4TH Cabinet Outer Doors Left  |
| 108 |      |                                      | Right   |
| 109 |      |                                      | Inside Top Shelf Left   |
| 110 |      |                                      | Right   |
| 111 |      |                                      | 2ND Shelf Left  |
| 112 |      |                                      | Right   |
| 113 |      | Right Wall from Rear above Bench Top | Upper   |
| 114 |      |                                      | Lower   |
| 115 |      |                                      | 2ND Upper   |
| 116 |      |                                      | Lower   |
| 117 |      |                                      | 3RD Upper   |
| 118 |      |                                      | Lower   |
| 119 |      |                                      | 4TH Upper   |
| 120 |      |                                      | Lower   |
| 121 |      |                                      | 5TH Upper   |
| 122 |      |                                      | Lower   |
| 123 |      | Bench Top from Rear                  | FRONT   |
| 124 |      |                                      | REAR  |
| 125 |      |                                      | FRONT   |
| 126 | ✓    |                                      | REAR  |

# Radiological Survey Continuation Sheet

Page 6 of 12

Date 10/9/08

118w/w214A

| No. | Time | Locations               | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|-------------------------|---|
| 127 | 0850 |                         | FRONT   |
| 128 |      |                         | REAR  |
| 129 |      |                         | FRONT   |
| 130 |      |                         | REAR  |
| 131 |      |                         | FRONT   |
| 132 |      |                         | REAR  |
| 133 |      |                         | FRONT   |
| 134 |      |                         | REAR  |
| 135 |      | Sink Bench Top          | Left  |
| 136 |      |                         | Rear Left   |
| 137 |      |                         | Right   |
| 138 |      |                         | Right   |
| 139 |      |                         | FRONT Left  |
| 140 |      |                         | Right   |
| 141 |      | Faucets                 |   |
| 142 |      | Inside Sink             | FRONT Left  |
| 143 |      |                         | Right   |
| 144 |      |                         | Left  |
| 145 |      |                         | Rear Left   |
| 146 |      |                         | Right   |
| 147 |      |                         | Right   |
| 148 |      |                         | FLOOR Left  |
| 149 |      |                         | Right   |
| 150 |      |                         | Drain   |
| 151 |      | First Cabinet from left | Outdoors Left   |
| 152 |      |                         | Right   |
| 153 | ✓    | Top Shelf               | Left  |

# Radiological Survey Continuation Sheet

Page 7 of 12

Date 10/9/08

118w1w214A

| No. | Time | Locations                      | See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> ) |
|-----|------|--------------------------------|---|
| 154 | 0912 |                                | Top Shelf Right   |
| 155 |      |                                | Lower Shelf Left  |
| 156 |      |                                | Right   |
| 157 |      | 2ND Cabinet Outer Doors        | Left  |
| 158 |      |                                | Right   |
| 159 |      | Inside Topshelf                | Left  |
| 160 |      |                                | Right   |
| 161 |      |                                | Lower Shelf Left  |
| 162 |      |                                | Right   |
| 163 |      | Cabinet below Sink Outer Doors | Left  |
| 164 |      |                                | Right   |
| 165 |      | Inside Floor                   | Left Front  |
| 166 |      |                                | REAR  |
| 167 |      |                                | Right Front   |
| 168 |      |                                | REAR  |
| 169 |      | FRONT wall Right               | Upper   |
| 170 |      |                                | Lower   |
| 171 |      |                                | Upper   |
| 172 |      |                                | Lower   |
| 173 |      |                                | Upper   |
| 174 |      |                                | Lower   |
| 175 |      | Yellow Red TRAY LINER          | Left  |
| 176 |      |                                | Right   |
| 177 |      | TRAY                           | Left  |
| 178 |      |                                | Right   |
| 179 |      | Black Bucket                   | Outer   |
| 180 | ✓    |                                | Inner   |





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\20081009\_1206\20081009\_1206.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 |
|----|------|------|------|----------|
| 1  | 13   | 8    | 25   |          |
| 2  | 9    | 7    | 19   |          |
| 3  | 14   | 3    | 18   |          |
| 4  | 9    | 8    | 20   |          |
| 5  | 15   | 10   | 31   |          |
| 6  | 6    | 3    | 14   |          |
| 7  | 18   | 4    | 29   |          |
| 8  | 10   | 9    | 25   |          |
| 9  | 10   | 4    | 17   |          |
| 10 | 10   | 6    | 19   |          |
| 11 | 18   | 5    | 27   |          |

|    |    |    |    |
|----|----|----|----|
| 12 | 17 | 4  | 31 |
| 13 | 17 | 3  | 24 |
| 14 | 14 | 6  | 27 |
| 15 | 12 | 7  | 27 |
| 16 | 14 | 6  | 24 |
| 17 | 8  | 7  | 16 |
| 18 | 19 | 6  | 30 |
| 19 | 17 | 9  | 31 |
| 20 | 16 | 3  | 23 |
| 21 | 9  | 4  | 17 |
| 22 | 10 | 4  | 18 |
| 23 | 8  | 8  | 26 |
| 24 | 16 | 5  | 25 |
| 25 | 6  | 9  | 21 |
| 26 | 19 | 3  | 24 |
| 27 | 5  | 9  | 21 |
| 28 | 14 | 6  | 23 |
| 29 | 13 | 9  | 23 |
| 30 | 14 | 9  | 27 |
| 31 | 14 | 4  | 23 |
| 32 | 19 | 10 | 35 |
| 33 | 13 | 6  | 25 |
| 34 | 10 | 7  | 25 |
| 35 | 9  | 6  | 17 |
| 36 | 16 | 4  | 30 |
| 37 | 4  | 7  | 17 |
| 38 | 12 | 7  | 24 |
| 39 | 12 | 3  | 20 |
| 40 | 16 | 6  | 33 |
| 41 | 9  | 4  | 16 |
| 42 | 9  | 9  | 23 |
| 43 | 12 | 6  | 20 |
| 44 | 12 | 5  | 20 |
| 45 | 12 | 8  | 29 |
| 46 | 10 | 5  | 18 |
| 47 | 12 | 6  | 20 |
| 48 | 21 | 3  | 32 |
| 49 | 10 | 7  | 21 |
| 50 | 15 | 3  | 23 |
| 51 | 12 | 6  | 24 |
| 52 | 14 | 3  | 24 |
| 53 | 9  | 3  | 18 |
| 54 | 17 | 8  | 30 |
| 55 | 17 | 4  | 26 |
| 56 | 1  | 9  | 14 |
| 57 | 12 | 7  | 21 |
| 58 | 17 | 9  | 31 |
| 59 | 13 | 5  | 26 |
| 60 | 8  | 9  | 26 |
| 61 | 9  | 5  | 19 |
| 62 | 18 | 8  | 33 |
| 63 | 12 | 4  | 18 |
| 64 | 8  | 4  | 13 |
| 65 | 20 | 10 | 38 |
| 66 | 15 | 7  | 27 |
| 67 | 16 | 5  | 28 |
| 68 | 14 | 10 | 28 |
| 69 | 13 | 10 | 26 |
| 70 | 22 | 3  | 32 |
| 71 | 14 | 9  | 33 |
| 72 | 14 | 10 | 25 |
| 73 | 19 | 6  | 33 |
| 74 | 13 | 7  | 25 |

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

Protocol# 1 - bills swipes.lsa

User: bill

|     |    |    |    |
|-----|----|----|----|
| 138 | 12 | 12 | 26 |
| 139 | 5  | 6  | 14 |
| 140 | 13 | 9  | 30 |
| 141 | 7  | 6  | 18 |
| 142 | 13 | 7  | 26 |
| 143 | 18 | 13 | 38 |
| 144 | 13 | 7  | 23 |
| 145 | 16 | 9  | 32 |
| 146 | 5  | 4  | 11 |
| 147 | 13 | 9  | 28 |
| 148 | 9  | 7  | 22 |
| 149 | 9  | 8  | 20 |
| 150 | 12 | 6  | 24 |
| 151 | 12 | 8  | 25 |
| 152 | 16 | 5  | 29 |
| 153 | 6  | 8  | 21 |
| 154 | 11 | 6  | 23 |
| 155 | 16 | 4  | 24 |
| 156 | 14 | 6  | 25 |
| 157 | 23 | 7  | 37 |
| 158 | 15 | 6  | 23 |
| 159 | 12 | 9  | 23 |
| 160 | 15 | 7  | 26 |
| 161 | 6  | 10 | 19 |
| 162 | 9  | 9  | 21 |
| 163 | 12 | 7  | 24 |
| 164 | 13 | 8  | 27 |
| 165 | 5  | 8  | 16 |
| 166 | 10 | 5  | 23 |
| 167 | 14 | 5  | 26 |
| 168 | 17 | 9  | 31 |
| 169 | 6  | 3  | 15 |
| 170 | 17 | 5  | 26 |
| 171 | 17 | 10 | 30 |
| 172 | 17 | 7  | 29 |
| 173 | 14 | 7  | 25 |
| 174 | 6  | 11 | 19 |
| 175 | 14 | 10 | 28 |
| 176 | 11 | 7  | 24 |
| 177 | 17 | 5  | 28 |
| 178 | 16 | 3  | 24 |
| 179 | 16 | 6  | 24 |
| 180 | 15 | 3  | 23 |
| 181 | 15 | 7  | 27 |
| 182 | 7  | 7  | 22 |
| 183 | 9  | 8  | 28 |
| 184 | 7  | 8  | 19 |
| 185 | 10 | 7  | 25 |
| 186 | 11 | 8  | 25 |
| 187 | 7  | 4  | 16 |
| 188 | 14 | 10 | 27 |
| 189 | 16 | 8  | 30 |
| 190 | 10 | 10 | 25 |
| 191 | 6  | 7  | 20 |
| 192 | 18 | 8  | 31 |
| 193 | 12 | 8  | 31 |
| 194 | 8  | 5  | 17 |
| 195 | 11 | 7  | 27 |
| 196 | 10 | 8  | 26 |
| 197 | 14 | 4  | 22 |
| 198 | 13 | 4  | 24 |