

Radiological Survey Sheet

Job Location Pfizer Central Research Gorton 118B/B214 Page 1 of 23
 Survey Purpose Radiological Assessment Date 11/17/00
 Performed By Pam Jones (Print) Pam Jones (Sign)

| | | |
|------------------------------------------------------------------|------------------------------------------------------------|------------------------|
| Inst.(1) (Model/SN) Beckman LS 6500 #7069448 | Inst.(2) Ludlum 2241-2 (Model/SN) #163603 | Inst.(3) (Model/SN) |
| Det. Internal (Model/SN) | Det. Ludlum 43-68 (Model/SN) #P2149613 | Det. (Model/SN) |
| Eff. See LSC Printout | Eff. ≈ 870 C-14 | Eff. N/A |
| Type rad. β | Type rad. B | Type rad. |
| Bkgd. See LSC Printout | Bkgd. 300 cpm | Bkgd. |
| Cal. Due: 12/00 | Cal. Due 2/13/01 | Cal. due |

| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) | |
|-----|------|-------------------|------------|-------------------------------------------|---------------|
| 1. | 8:00 | door | 1 | See attached LSC Printout | |
| 2. | | wall | 1 | | |
| 3. | | wall | 1 | | |
| 4. | | " | 1 | | |
| 5. | | side of hood | 1 | | |
| 6. | | top shelf | 1 | | |
| 7. | | shelf | 1 | | |
| 8. | | floor | 1 | | |
| 9. | | left outside hood | 1 | | |
| 10. | | front | 1 | | |
| 11. | | rt. | 1 | | |
| 12. | | ledge | 1 | | |
| 13. | | left inside hood | 1 | | |
| 14. | | back | 1 | | |
| 15. | | rt. | 1 | | ✓ (see # 289) |
| 16. | | left counter | 1 | | |
| 17. | | rt. counter | 1 | | |
| 18. | ✓ | cup sink | 1 | | ↓ |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------|------------|-------------------------------------------|
| 19 | | outside cab. | 1 | See attached LSC Printout |
| 20 | | left | 1 | |
| 21 | | bottom | 1 | ✓ (see # 210) |
| 22 | | rt. | 1 | |
| 23 | | outside cab. | 1 | |
| 24 | | left | 1 | |
| 25 | | bottom | 1 | |
| 26 | | rt. | 1 | |
| 27 | | wall | 1 | |
| 28 | | top shelf | 1 | |
| 29 | | desktop | 1 | |
| 30 | | shelves | 1 | |
| 31 | | ledge | 1 | |
| 32 | | floor | 1 | |
| 33 | | " | 1 | |
| 34 | | " | 1 | |
| 35 | | " | 1 | |
| 36 | | " | 1 | |
| 37 | | " | 1 | |
| 38 | | outside shelves | 1 | |
| 39 | | top shelf | 1 | |
| 40 | | shelf | 1 | |
| 41 | | " | 1 | |
| 42 | | bottom shelf | 1 | |
| 43 | | outside shelves | 1 | |
| 44 | | top shelf | 1 | |
| 45 | | shelf | 1 | |
| 46 | ✓ | " | 1 | ✓ |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-------------------|------------|-------------------------------------------|
| 47 | | bottom shelf | 1 | See attached LSC Printout |
| 48 | | top shelf | 1 | |
| 49 | | shelf (bottom) | 1 | |
| 50 | | top shelf | 1 | |
| 51 | | shelf | 1 | |
| 52 | | bottom shelf | 1 | |
| 53 | | top shelf | 1 | |
| 54 | | shelf | 1 | |
| 55 | | left shelf | 1 | |
| 56 | | rt. shelf | 1 | |
| 57 | | desk top | 1 | |
| 58 | | counter | 1 | |
| 59 | | counter | 1 | |
| 60 | | counter | 1 | |
| 61 | | cup sink | 1 | ✓ (see #291) |
| 62 | | " | 1 | |
| 63 | | plastic container | 1 | |
| 64 | | outside drawers | 1 | |
| 65 | | top drawer | 1 | |
| 66 | | top shelf | 1 | |
| 67 | | bottom shelf | 1 | |
| 68 | | drawer | 1 | |
| 69 | | outside drawers | 1 | |
| 70 | | top drawer | 1 | |
| 71 | | drawer | 1 | |
| 72 | | " | 1 | |
| 73 | | bottom drawer | 1 | |
| 74 | ✓ | drawer | 1 | ✓ |

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

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|---------------------|------------|-------------------------------------------|
| 103 | | counter | 1 | See attached LSC Printout |
| 104 | | " | 1 | |
| 105 | | " | 1 | |
| 106 | | counter around sink | 1 | |
| 107 | | cup sink | 1 | |
| 108 | | dish dryer | 1 | ✓ (see # 292) |
| 109 | | sides of sink | 1 | |
| 110 | | bottom | 1 | |
| 111 | | drain | 1 | |
| 112 | | outside drawers | 1 | |
| 113 | | top drawer | 1 | |
| 114 | | drawer | 1 | |
| 115 | | " | 1 | |
| 116 | | bottom drawer | 1 | |
| 117 | | drawer | 1 | |
| 118 | | outside drawers | 1 | |
| 119 | | top drawer | 1 | |
| 120 | | drawer | 1 | |
| 121 | | " | 1 | |
| 122 | | bottom drawer | 1 | |
| 123 | | outside cab. | 1 | |
| 124 | | left | 1 | |
| 125 | | bottom | 1 | ✓ (see # 293) |
| 126 | | rt. | 1 | |
| 127 | | outside shelves | 1 | |
| 128 | | top shelf | 1 | |
| 129 | | shelf | 1 | |
| 130 | ✓ | " | 1 | ✓ |

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

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------|------------|-------------------------------------------|
| 159 | | outside drawers | 1 | See attached LSC Printout |
| 160 | | top drawer | 1 | ✓ (see #294) |
| 161 | | drawer | 1 | |
| 162 | | " | 1 | |
| 163 | | bottom drawer | 1 | |
| 164 | | outside drawers | 1 | |
| 165 | | top drawer | 1 | ✓ (see #295) |
| 166 | | drawer | 1 | ✓ (see #296) |
| 167 | | " | 1 | |
| 168 | | bottom drawer | 1 | |
| 169 | | drawer | 1 | |
| 170 | | outside drawers | 1 | |
| 171 | | top drawer | 1 | |
| 172 | | drawer | 1 | |
| 173 | | " | 1 | |
| 174 | | bottom drawer | 1 | |
| 175 | | outside drawers | 1 | |
| 176 | | top drawer | 1 | |
| 177 | | drawer | 1 | |
| 178 | | " | 1 | |
| 179 | | bottom drawer | 1 | |
| 180 | | floor | 1 | |
| 181 | | " | 1 | |
| 182 | | " | 1 | |
| 183 | | " | 1 | |
| 184 | | Chair | 1 | |
| 185 | | outside cab. | 1 | |
| 186 | ✓ | top drawer | 1 | ↓ |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------|------------|-------------------------------------------|
| 187 | | top shelf | 1 | See attached LSC Printout |
| 188 | | bottom shelf | 1 | |
| 189 | | drawer | 1 | |
| 190 | | outside drawers | 1 | |
| 191 | | top drawer | 1 | |
| 192 | | drawer | 1 | |
| 193 | | " | 1 | |
| 194 | | bottom drawer | 1 | |
| 195 | | drawer | 1 | |
| 196 | | outside drawers | 1 | |
| 197 | | top drawer | 1 | |
| 198 | | drawer | 1 | |
| 199 | | " | 1 | |
| 200 | | bottom drawer | 1 | |
| 201 | | drawer | 1 | |
| 202 | | outside drawers | 1 | |
| 203 | | pull-out | 1 | |
| 204 | | top drawer | 1 | |
| 205 | | drawer | 1 | |
| 206 | | bottom drawer | 1 | |
| 207 | | top shelf | 1 | |
| 208 | | shelf | 1 | |
| 209 | | bottom shelf | 1 | |
| 210 | | top shelf | 1 | |
| 211 | | shelf | 1 | |
| 212 | | " | 1 | |
| 213 | | bottom shelf | 1 | |
| 214 | √ | counter | 1 | √ |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------|------------|-------------------------------------------|
| 215 | | counter | 1 | ✓ See attached LSC Printout (see # 297) |
| 216 | | " | 1 | |
| 217 | | cup sink | 1 | |
| 218 | | cup sink | 1 | |
| 219 | | top shelf | 1 | |
| 220 | | shelf | 1 | |
| 221 | | desktop | 1 | |
| 222 | | wall | 1 | |
| 223 | | " | 1 | |
| 224 | | " | 1 | |
| 225 | | window well | 1 | |
| 226 | | wall | 1 | |
| 227 | | floor | 1 | |
| 228 | | " | 1 | |
| 229 | | " | 1 | |
| 230 | | " | 1 | |
| 231 | | " | 1 | |
| 232 | | " | 1 | |
| 233 | | chair | 1 | |
| 234 | | " | 1 | |
| 235 | | " | 1 | |
| 236 | | " | 1 | |
| 237 | | outside shelves | 1 | |
| 238 | | top shelf | 1 | |
| 239 | | shelf | 1 | |
| 240 | | " | 1 | |
| 241 | | bottom shelf | 1 | |
| 242 | ✓ | top shelf | 1 | ✓ |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------|------------|-------------------------------------------|
| 243 | | shelf | 1 | See attached LSC Printout |
| 244 | | bottom shelf | 1 | |
| 245 | | edge | 1 | |
| 246 | | desk top | 1 | |
| 247 | | counter | 1 | |
| 248 | | " | 1 | |
| 249 | | " | 1 | |
| 250 | | outside drawers | 1 | |
| 251 | | pull-out | 1 | |
| 252 | | top drawer | 1 | |
| 253 | | drawer | 1 | |
| 254 | | bottom drawer | 1 | |
| 255 | | drawer | 1 | |
| 256 | | outside drawers | 1 | |
| 257 | | top drawer | 1 | |
| 258 | | drawer | 1 | |
| 259 | | " | 1 | |
| 260 | | bottom drawer | 1 | |
| 261 | | drawer | 1 | |
| 262 | | outside drawers | 1 | |
| 263 | | top drawer | 1 | |
| 264 | | drawer | 1 | |
| 265 | | " | 1 | |
| 266 | | bottom drawer | 1 | ✓ (see # 298) |
| 267 | | drawer | 1 | |
| 268 | | outside drawers | 1 | |
| 269 | | top drawer | 1 | |
| 270 | ✓ | drawer | 1 | ✓ (see # 299) |

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| No. | Time | Location | Inst. Used | Total Activity (dpm/100 cm ²) |
|-----|------|-----------------------|------------|-------------------------------------------|
| 271 | | drawer | 1 | See attached LSC Printout |
| 272 | | bottom drawer | 1 | |
| 273 | | floor | 1 | |
| 274 | | " | 1 | |
| 275 | | " | 1 | |
| 276 | | " | 1 | |
| 277 | | file cab. top + sides | 1 | |
| 278 | | front | 1 | |
| 279 | | glass | 1 | |
| 280 | | wall | 1 | |
| 281 | | door | 1 | |
| 282 | | wall | 1 | |
| 283 | | cabinet | 1 | |
| 284 | | window sill | 1 | |
| 285 | | desk | 1 | |
| 286 | | chair | 1 | |
| 287 | | chair | 1 | |
| 288 | | floor | 1 | |
| 289 | | post decon #14 | 1 | |
| 290 | | #21 | 1 | |
| 291 | | #61 | 1 | |
| 292 | | #108 | 1 | |
| 293 | | #125 | 1 | |
| 294 | | #160 | 1 | |
| 295 | | #165 | 1 | |
| 296 | | #166 | 1 | |
| 297 | | #215 | 1 | |
| 298 | ✓ | ✓ #266 | 1 | ✓ |

<B214>

1) inside hood counter + ledge ¹⁷⁹⁷ ~~1797~~ ¹⁶⁹⁹ ~~1699~~

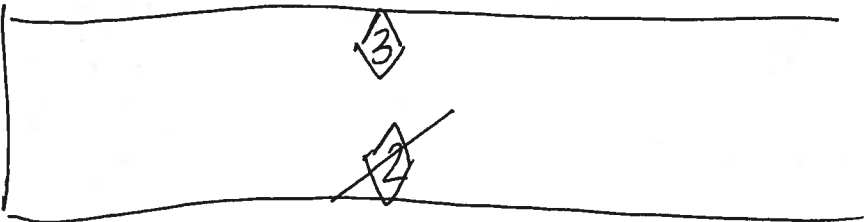
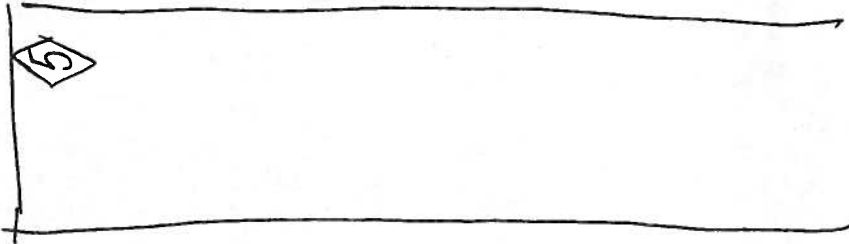
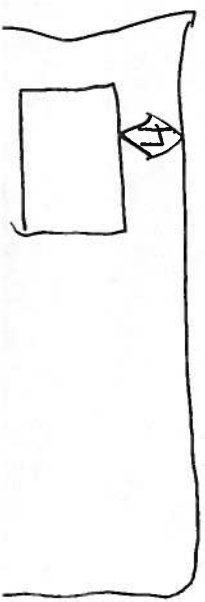
2) counter ~~1553~~ ~~891~~ ~~508~~ decommed to normal

3) counter 2443 1827 1699

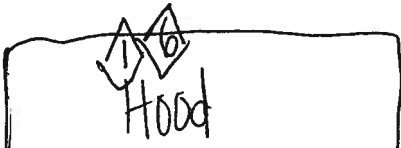
4) sink counter 748 576 732

5) counter 26497 7884 4556

6) inside hood 2668




exit



Radiological Survey Comment Form

Job Location Pfizer Inc GROTON CT Page 14 of 23

Survey Purpose DECOMMISSIONING LAB B214 Date 1/7/00

Performed By DAVID S. DURICE (Print)  (Sign)

APPROXIMATELY 100% OF LOWER SURFACES WERE SCANNED USING INSTRUMENT #2. ALL SURFACES SURVEYED WERE NOTED TO BE AT NORMAL BACKGROUND LEVELS, WITH THE FOLLOWING SIX (6) EXCEPTIONS:

- 1 HOOD COUNTED WAS FOUND TO BE CONTAMINATED TO A LEVEL OF 1797 cpm (18,713 dpm/100cm²) THIS COUNTED WAS DECONTAMINATED TO NORMAL BACKGROUND LEVELS (removed for disposal.)
- 2 COUNTER WAS FOUND TO BE CONTAMINATED TO A LEVEL OF 1553 cpm (15,663 dpm/100cm²). THIS AREA WAS DECONTAMINATED TO NORMAL BACKGROUND LEVELS.
- 3 COUNTER WAS CONTAMINATED TO A LEVEL OF 2443 cpm (26,788 dpm/100cm²), THIS COUNTER WAS DECONTAMINATED TO NORMAL BACKGROUND LEVELS. (removed for disposal.)
- 4 SNK COUNTER WAS CONTAMINATED TO A LEVEL OF (5,600 dpm/100cm²). THIS COUNTER WAS DECONTAMINATED TO NORMAL BACKGROUND LEVELS (removed for disposal.)
- 5 COUNTER WAS CONTAMINATED TO A LEVEL OF 26,497 cpm (327,463 dpm/100cm².) THIS COUNTER WAS DECONTAMINATED TO NORMAL BACKGROUND LEVELS (removed for disposal.)
- 6 INSIDE OF HOOD WAS CONTAMINATED TO A LEVEL OF 2168 cpm (29,600 dpm/100cm²). THIS AREA WAS DECONTAMINATED TO normal background levels. (removed for disposal.)

ID: EQUIPMENT SURVY 7 NOV 2000 15:00
 USER: 1 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 AQC : 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 | 117.7 | 11.00 | 11.00 | 34.00 | 22.01 | 14.83 | 2.83 | |
| | | Blank Average | DPM | for | 3H : | 22.01 | COEF. OF VAR: | 0.000 |
| | | Blank Average | DPM | for | 14C : | 14.83 | COEF. OF VAR: | 0.000 |

| | | | | | | | |
|----|-------|-------|-------|-------|--------|-------|------|
| 1 | 122.7 | 16.00 | 11.00 | 38.00 | 14.44 | -0.08 | 2.41 |
| 2 | 122.6 | 19.00 | 13.00 | 45.00 | 21.27 | 2.60 | 3.33 |
| 3 | 124.9 | 11.00 | 12.00 | 30.00 | 0.34 | 1.43 | 4.17 |
| 4 | 125.4 | 18.00 | 8.00 | 37.00 | 22.76 | -4.24 | 3.56 |
| 5 | 124.7 | 8.00 | 16.00 | 33.00 | -10.80 | 7.01 | 3.36 |
| 6 | 130.5 | 12.00 | 20.00 | 37.00 | -1.67 | 12.52 | 2.91 |
| 7 | 124.0 | 8.00 | 10.00 | 28.00 | -6.73 | -1.26 | 5.26 |
| 8 | 140.5 | 11.00 | 16.00 | 38.00 | -0.20 | 7.15 | 7.67 |
| 9 | 125.1 | 19.00 | 15.00 | 43.00 | 20.60 | 5.38 | 1.97 |
| 10 | 137.7 | 12.00 | 13.00 | 32.00 | 4.67 | 2.91 | 2.67 |
| 11 | 120.1 | 17.00 | 20.00 | 50.00 | 10.50 | 12.24 | 1.93 |
| 12 | 134.7 | 26.00 | 18.00 | 58.00 | 42.10 | 9.45 | 4.89 |
| 13 | 122.4 | 17.00 | 15.00 | 47.00 | 14.37 | 5.40 | 1.87 |
| 14 | 137.1 | 35.00 | 28.00 | 72.00 | 62.98 | 23.13 | 2.11 |
| 15 | 117.9 | 21.00 | 17.00 | 50.00 | 22.68 | 8.00 | 1.48 |
| 16 | 143.5 | 17.00 | 15.00 | 37.00 | 20.13 | 5.62 | 4.13 |
| 17 | 134.5 | 14.00 | 21.00 | 42.00 | 4.11 | 13.92 | 2.51 |
| 18 | 126.8 | 17.00 | 21.00 | 51.00 | 11.25 | 13.71 | 1.46 |
| 19 | 124.5 | 16.00 | 9.00 | 35.00 | 16.23 | -2.82 | 3.15 |
| 20 | 125.6 | 15.00 | 7.00 | 35.00 | 15.12 | -5.54 | 2.69 |
| 21 | 157.6 | 45.00 | 37.00 | 94.00 | 104.96 | 35.91 | 0.85 |
| 22 | 123.0 | 16.00 | 22.00 | 50.00 | 6.99 | 15.05 | 1.77 |
| 23 | 125.8 | 19.00 | 23.00 | 51.00 | 15.24 | 16.41 | 2.63 |
| 24 | 121.9 | 15.00 | 9.00 | 27.00 | 12.87 | -2.81 | 3.29 |
| 25 | 124.2 | 9.00 | 15.00 | 36.00 | -7.37 | 5.60 | 4.13 |
| 26 | 122.4 | 19.00 | 12.00 | 43.00 | 21.89 | 1.23 | 4.43 |
| 27 | 120.2 | 11.00 | 5.00 | 30.00 | 4.36 | -8.22 | 3.56 |
| 28 | 126.5 | 15.00 | 13.00 | 39.00 | 11.14 | 2.73 | 3.32 |
| 29 | 137.8 | 21.00 | 20.00 | 46.00 | 26.79 | 12.40 | 4.58 |
| 30 | 138.2 | 14.00 | 11.00 | 33.00 | 12.40 | 0.08 | 6.42 |
| 31 | 133.3 | 9.00 | 13.00 | 33.00 | -4.99 | 2.94 | 2.53 |
| 32 | 140.3 | 20.00 | 13.00 | 41.00 | 29.98 | 2.72 | 9.91 |
| 33 | 149.7 | 17.00 | 19.00 | 49.00 | 18.85 | 11.30 | 7.83 |
| 34 | 143.7 | 17.00 | 19.00 | 45.00 | 17.02 | 11.21 | 8.79 |
| 35 | 130.4 | 11.00 | 15.00 | 41.00 | -0.97 | 5.63 | 7.04 |
| 36 | 132.0 | 19.00 | 12.00 | 46.00 | 24.81 | 1.29 | 5.46 |

| SAM NO | H# | 3H CPM | 14C CPM | WIDE CPM | 3H DPM | 14C DPM | LUMEX % |
|--------|-------|--------|---------|----------|--------|---------|---------|
| 37 | 141.5 | 16.00 | 10.00 | 34.00 | 20.28 | -1.34 | 9.99 |
| 38 | 125.6 | 23.00 | 22.00 | 62.00 | 27.07 | 14.93 | 1.88 |
| 39 | 128.3 | 13.00 | 15.00 | 43.00 | 4.43 | 5.55 | 1.24 |
| 40 | 122.1 | 14.00 | 8.00 | 36.00 | 10.86 | -4.16 | 1.71 |
| 41 | 120.5 | 14.00 | 7.00 | 34.00 | 11.18 | -5.54 | 2.67 |
| 42 | 119.9 | 15.00 | 8.00 | 35.00 | 13.09 | -4.19 | 1.84 |
| 43 | 120.3 | 21.00 | 12.00 | 36.00 | 26.72 | 1.17 | 2.47 |
| 44 | 121.7 | 16.00 | 8.00 | 34.00 | 16.23 | -4.21 | 2.64 |
| 45 | 120.5 | 8.00 | 11.00 | 35.00 | -7.73 | 0.09 | 3.99 |
| 46 | 122.9 | 15.00 | 16.00 | 43.00 | 8.32 | 6.82 | 2.77 |
| 47 | 121.6 | 14.00 | 11.00 | 33.00 | 8.72 | -0.04 | 2.92 |
| 48 | 146.1 | 20.00 | 16.00 | 48.00 | 29.86 | 6.96 | 4.39 |
| 49 | 139.7 | 15.00 | 19.00 | 42.00 | 9.71 | 11.20 | 3.40 |
| 50 | 139.3 | 13.00 | 17.00 | 36.00 | 5.00 | 8.47 | 4.39 |
| 51 | 133.9 | 22.00 | 18.00 | 47.00 | 29.92 | 9.55 | 2.90 |
| 52 | 146.9 | 14.00 | 17.00 | 38.00 | 9.82 | 8.55 | 5.88 |
| 53 | 124.6 | 16.00 | 21.00 | 50.00 | 8.00 | 13.70 | 2.28 |
| 54 | 127.3 | 17.00 | 20.00 | 43.00 | 12.05 | 12.34 | 1.91 |
| 55 | 121.9 | 14.00 | 5.00 | 28.00 | 12.85 | -8.28 | 2.72 |
| 56 | 128.2 | 11.00 | 14.00 | 34.00 | -0.58 | 4.22 | 2.75 |
| 57 | 129.6 | 14.00 | 13.00 | 32.00 | 8.96 | 2.78 | 3.79 |
| 58 | 134.5 | 13.00 | 13.00 | 32.00 | 7.04 | 2.85 | 5.67 |
| 59 | 132.5 | 21.00 | 17.00 | 45.00 | 27.20 | 8.17 | 5.05 |
| 60 | 134.8 | 10.00 | 12.00 | 31.00 | -1.09 | 1.55 | 6.89 |
| 61 | 137.5 | 58.00 | 62.00 | 133.00 | 107.37 | 69.76 | 2.60 |
| 62 | 146.6 | 16.00 | 13.00 | 40.00 | 19.51 | 2.89 | 9.28 |
| 63 | 135.9 | 8.00 | 17.00 | 34.00 | -10.67 | 8.55 | 4.75 |
| 64 | 126.1 | 12.00 | 9.00 | 34.00 | 5.42 | -2.71 | 2.23 |
| 65 | 122.1 | 20.00 | 15.00 | 46.00 | 22.53 | 5.33 | 2.41 |
| 66 | 120.8 | 13.00 | 14.00 | 37.00 | 3.84 | 4.10 | 2.41 |
| 67 | 122.3 | 14.00 | 25.00 | 54.00 | -0.64 | 19.21 | 2.09 |
| 68 | 122.1 | 18.00 | 10.00 | 38.00 | 20.43 | -1.50 | 2.35 |
| 69 | 121.7 | 17.00 | 9.00 | 32.00 | 18.29 | -2.85 | 2.22 |
| 70 | 121.5 | 12.00 | 7.00 | 27.00 | 5.96 | -5.49 | 3.68 |
| 71 | 122.4 | 18.00 | 14.00 | 40.00 | 17.79 | 4.00 | 1.67 |
| 72 | 120.3 | 12.00 | 13.00 | 37.00 | 1.72 | 2.74 | 1.63 |
| 73 | 123.8 | 12.00 | 16.00 | 38.00 | 0.20 | 6.90 | 3.15 |
| 74 | 123.1 | 19.00 | 21.00 | 51.00 | 15.95 | 13.61 | 2.09 |
| 75 | 121.9 | 11.00 | 15.00 | 33.00 | -2.12 | 5.53 | 2.44 |
| 76 | 120.4 | 15.00 | 8.00 | 32.00 | 13.20 | -4.19 | 2.85 |
| 77 | 123.1 | 8.00 | 15.00 | 41.00 | -10.22 | 5.61 | 3.54 |
| 78 | 124.2 | 9.00 | 12.00 | 37.00 | -5.31 | 1.47 | 1.76 |
| 79 | 121.0 | 17.00 | 9.00 | 34.00 | 18.11 | -2.86 | 2.79 |
| 80 | 122.4 | 18.00 | 10.00 | 35.00 | 20.52 | -1.50 | 2.39 |
| 81 | 120.9 | 16.00 | 9.00 | 38.00 | 15.35 | -2.84 | 2.42 |
| 82 | 117.9 | 12.00 | 8.00 | 33.00 | 4.67 | -4.13 | 2.04 |
| 83 | 122.0 | 11.00 | 12.00 | 38.00 | -0.08 | 1.41 | 1.74 |
| 84 | 125.3 | 16.00 | 9.00 | 36.00 | 16.44 | -2.81 | 1.97 |
| 85 | 120.1 | 10.00 | 9.00 | 34.00 | -1.03 | -2.70 | 2.88 |
| 86 | 141.7 | 18.00 | 15.00 | 47.00 | 22.71 | 5.57 | 5.67 |
| 87 | 132.0 | 11.00 | 14.00 | 32.00 | -0.02 | 4.26 | 9.14 |
| 88 | 127.1 | 7.00 | 15.00 | 36.00 | -12.75 | 5.69 | 4.23 |
| 89 | 141.1 | 17.00 | 20.00 | 46.00 | 15.51 | 12.56 | 6.81 |
| 90 | 143.9 | 23.00 | 19.00 | 50.00 | 36.20 | 11.04 | 4.79 |
| 91 | 120.2 | 14.00 | 8.00 | 33.00 | 10.47 | -4.17 | 2.97 |
| 92 | 123.5 | 13.00 | 7.00 | 26.00 | 9.09 | -5.50 | 3.14 |
| 93 | 122.8 | 18.00 | 10.00 | 41.00 | 20.62 | -1.50 | 2.06 |
| 94 | 123.3 | 18.00 | 14.00 | 46.00 | 18.04 | 4.01 | 1.78 |

| SAM NO | H# | 3H CPM | 14C CPM | WIDE CPM | 3H DPM | 14C DPM | LUMEX % |
|--------|-------|--------|---------|----------|--------|---------|---------|
| 95 | 121.0 | 13.00 | 9.00 | 32.00 | 7.24 | -2.77 | 2.50 |
| 96 | 124.3 | 21.00 | 10.00 | 39.00 | 29.39 | -1.56 | 2.67 |
| 97 | 124.7 | 12.00 | 11.00 | 32.00 | 3.78 | 0.03 | 2.64 |
| 98 | 123.9 | 10.00 | 15.00 | 35.00 | -4.63 | 5.57 | 4.80 |
| 99 | 121.8 | 10.00 | 11.00 | 33.00 | -2.16 | 0.05 | 3.00 |
| 100 | 126.2 | 8.00 | 6.00 | 28.00 | -3.71 | -6.75 | 1.94 |
| 101 | 137.5 | 18.00 | 14.00 | 42.00 | 22.13 | 4.14 | 4.87 |
| 102 | 123.6 | 15.00 | 7.00 | 27.00 | 14.62 | -5.55 | 4.79 |
| 103 | 132.9 | 13.00 | 7.00 | 36.00 | 11.13 | -5.47 | 4.75 |
| 104 | 129.7 | 13.00 | 14.00 | 39.00 | 5.39 | 4.19 | 3.05 |
| 105 | 124.8 | 12.00 | 10.00 | 29.00 | 4.50 | -1.35 | 3.64 |
| 106 | 136.1 | 27.00 | 22.00 | 58.00 | 42.79 | 14.99 | 1.99 |
| 107 | 125.9 | 20.00 | 20.00 | 55.00 | 20.15 | 12.25 | 1.58 |
| 108 | 123.0 | 32.00 | 39.00 | 80.00 | 39.41 | 38.06 | 1.69 |
| 109 | 121.0 | 20.00 | 14.00 | 41.00 | 22.88 | 3.94 | 1.66 |
| 110 | 137.8 | 13.00 | 6.00 | 28.00 | 13.05 | -6.84 | 3.36 |
| 111 | 135.5 | 13.00 | 12.00 | 35.00 | 8.01 | 1.48 | 2.26 |
| 112 | 122.5 | 16.00 | 19.00 | 47.00 | 8.94 | 10.92 | 2.09 |
| 113 | 124.4 | 18.00 | 10.00 | 39.00 | 21.10 | -1.49 | 2.17 |
| 114 | 119.7 | 16.00 | 13.00 | 44.00 | 12.40 | 2.65 | 1.96 |
| 115 | 122.2 | 14.00 | 16.00 | 39.00 | 5.44 | 6.84 | 1.43 |
| 116 | 131.0 | 11.00 | 14.00 | 32.00 | -0.18 | 4.25 | 4.05 |
| 117 | 127.5 | 19.00 | 8.00 | 38.00 | 26.22 | -4.25 | 2.47 |
| 118 | 123.0 | 20.00 | 15.00 | 46.00 | 22.77 | 5.33 | 2.06 |
| 119 | 120.0 | 21.00 | 14.00 | 40.00 | 25.30 | 3.91 | 1.37 |
| 120 | 118.3 | 13.00 | 10.00 | 34.00 | 6.09 | -1.41 | 2.16 |
| 121 | 120.2 | 14.00 | 12.00 | 35.00 | 7.78 | 1.32 | 2.75 |
| 122 | 120.7 | 18.00 | 9.00 | 39.00 | 20.72 | -2.88 | 2.85 |
| 123 | 121.4 | 9.00 | 4.00 | 21.00 | -0.20 | -9.54 | 2.68 |
| 124 | 122.2 | 16.00 | 8.00 | 35.00 | 16.36 | -4.20 | 2.35 |
| 125 | 123.7 | 49.00 | 28.00 | 90.00 | 94.25 | 22.55 | 1.07 |
| 126 | 118.9 | 15.00 | 11.00 | 37.00 | 10.89 | -0.08 | 2.19 |
| 127 | 122.1 | 17.00 | 10.00 | 37.00 | 17.71 | -1.48 | 2.29 |
| 128 | 124.5 | 8.00 | 18.00 | 31.00 | -12.19 | 9.76 | 2.35 |
| 129 | 124.4 | 15.00 | 7.00 | 27.00 | 14.83 | -5.55 | 2.52 |
| 130 | 121.1 | 15.00 | 10.00 | 38.00 | 12.01 | -1.44 | 2.81 |
| 131 | 123.0 | 9.00 | 12.00 | 34.00 | -5.43 | 1.46 | 3.66 |
| 132 | 123.3 | 13.00 | 10.00 | 36.00 | 6.98 | -1.38 | 1.86 |
| 133 | 123.6 | 16.00 | 8.00 | 29.00 | 16.69 | -4.20 | 3.84 |
| 134 | 121.4 | 16.00 | 10.00 | 36.00 | 14.80 | -1.46 | 1.99 |
| 135 | 119.3 | 9.00 | 12.00 | 32.00 | -5.81 | 1.43 | 2.58 |
| 136 | 126.7 | 18.00 | 14.00 | 48.00 | 18.94 | 4.04 | 1.94 |
| 137 | 122.5 | 11.00 | 14.00 | 31.00 | -1.36 | 4.16 | 2.55 |
| 138 | 131.1 | 8.00 | 15.00 | 34.00 | -9.60 | 5.71 | 2.43 |
| 139 | 120.5 | 17.00 | 14.00 | 41.00 | 14.61 | 4.00 | 1.33 |
| 140 | 121.9 | 13.00 | 8.00 | 31.00 | 8.09 | -4.14 | 2.42 |
| 141 | 123.3 | 14.00 | 7.00 | 29.00 | 11.80 | -5.53 | 3.72 |
| 142 | 122.7 | 12.00 | 12.00 | 37.00 | 2.77 | 1.39 | 3.32 |
| 143 | 134.8 | 13.00 | 19.00 | 38.00 | 2.66 | 11.18 | 5.62 |
| 144 | 125.9 | 18.00 | 11.00 | 36.00 | 20.82 | -0.10 | 2.63 |
| 145 | 127.1 | 12.00 | 14.00 | 40.00 | 2.10 | 4.19 | 1.81 |
| 146 | 136.7 | 13.00 | 10.00 | 33.00 | 9.76 | -1.29 | 2.90 |
| 147 | 119.8 | 14.00 | 13.00 | 37.00 | 7.04 | 2.69 | 1.99 |
| 148 | 140.4 | 17.00 | 8.00 | 36.00 | 24.60 | -4.16 | 3.58 |
| 149 | 126.8 | 18.00 | 7.00 | 37.00 | 23.89 | -5.61 | 2.70 |
| 150 | 127.0 | 11.00 | 19.00 | 37.00 | -4.26 | 11.10 | 3.24 |
| 151 | 146.2 | 11.00 | 13.00 | 37.00 | 3.16 | 3.03 | 7.85 |
| 152 | 138.8 | 15.00 | 19.00 | 43.00 | 9.51 | 11.19 | 5.11 |

| SAM NO | H# | 3H CPM | 14C CPM | WIDE CPM | 3H DPM | 14C DPM | LUMEX % |
|--------|-------|--------|---------|----------|--------|---------|---------|
| 153 | 119.4 | 6.00 | 6.00 | 25.00 | -9.88 | -6.73 | 3.31 |
| 154 | 123.7 | 14.00 | 12.00 | 35.00 | 8.46 | 1.35 | 1.95 |
| 155 | 122.3 | 16.00 | 14.00 | 38.00 | 12.31 | 4.04 | 1.89 |
| 156 | 127.3 | 10.00 | 9.00 | 26.00 | -0.03 | -2.66 | 4.86 |
| 157 | 126.1 | 17.00 | 15.00 | 42.00 | 15.28 | 5.43 | 1.79 |
| 158 | 123.0 | 16.00 | 11.00 | 36.00 | 14.50 | -0.07 | 1.57 |
| 159 | 124.6 | 14.00 | 15.00 | 41.00 | 6.57 | 5.49 | 1.54 |
| 160 | 121.5 | 23.00 | 39.00 | 74.00 | 14.31 | 38.22 | 1.20 |
| 161 | 123.4 | 11.00 | 9.00 | 31.00 | 2.17 | -2.71 | 2.17 |
| 162 | 124.1 | 14.00 | 14.00 | 37.00 | 7.16 | 4.11 | 1.46 |
| 163 | 124.3 | 13.00 | 23.00 | 47.00 | -1.77 | 16.52 | 1.53 |
| 164 | 124.9 | 14.00 | 9.00 | 33.00 | 10.76 | -2.77 | 3.13 |
| 165 | 124.9 | 125.00 | 260.00 | 396.00 | 146.42 | 340.21 | 0.27 |
| 166 | 129.2 | 47.00 | 72.00 | 129.00 | 61.49 | 83.45 | 0.71 |
| 167 | 125.2 | 15.00 | 17.00 | 46.00 | 8.09 | 8.23 | 1.40 |
| 168 | 124.1 | 16.00 | 5.00 | 28.00 | 18.88 | -8.32 | 1.96 |
| 169 | 126.7 | 9.00 | 10.00 | 28.00 | -3.63 | -1.26 | 3.87 |
| 170 | 124.2 | 22.00 | 19.00 | 48.00 | 25.92 | 10.80 | 1.50 |
| 171 | 120.8 | 11.00 | 8.00 | 30.00 | 2.45 | -4.10 | 3.52 |
| 172 | 125.9 | 14.00 | 7.00 | 28.00 | 12.39 | -5.52 | 2.85 |
| 173 | 122.0 | 10.00 | 10.00 | 32.00 | -1.45 | -1.32 | 3.22 |
| 174 | 121.8 | 14.00 | 8.00 | 34.00 | 10.78 | -4.16 | 2.61 |
| 175 | 123.2 | 20.00 | 9.00 | 39.00 | 26.94 | -2.92 | 1.42 |
| 176 | 123.5 | 24.00 | 11.00 | 42.00 | 36.72 | -0.26 | 1.41 |
| 177 | 122.3 | 15.00 | 7.00 | 35.00 | 14.32 | -5.55 | 2.44 |
| 178 | 127.6 | 18.00 | 16.00 | 44.00 | 17.79 | 6.81 | 1.63 |
| 179 | 131.7 | 7.00 | 11.00 | 27.00 | -9.56 | 0.21 | 2.22 |
| 180 | 135.5 | 17.00 | 9.00 | 35.00 | 22.23 | -2.79 | 3.53 |
| 181 | 141.1 | 13.00 | 13.00 | 43.00 | 8.45 | 2.92 | 6.22 |
| 182 | 140.2 | 16.00 | 21.00 | 50.00 | 11.39 | 13.97 | 2.77 |
| 183 | 132.0 | 16.00 | 13.00 | 38.00 | 15.34 | 2.75 | 4.80 |
| 184 | 121.5 | 17.00 | 12.00 | 41.00 | 16.19 | 1.27 | 2.69 |
| 185 | 125.9 | 17.00 | 11.00 | 36.00 | 18.01 | -0.08 | 3.29 |
| 186 | 126.6 | 21.00 | 9.00 | 38.00 | 30.86 | -2.93 | 6.01 |
| 187 | 126.6 | 17.00 | 15.00 | 43.00 | 15.40 | 5.44 | 4.49 |
| 188 | 133.0 | 19.00 | 14.00 | 44.00 | 23.69 | 4.07 | 3.50 |
| 189 | 127.7 | 18.00 | 42.00 | 73.00 | -0.52 | 42.68 | 2.54 |
| 190 | 130.1 | 17.00 | 16.00 | 47.00 | 15.58 | 6.86 | 3.27 |
| 191 | 130.2 | 9.00 | 15.00 | 30.00 | -6.78 | 5.68 | 8.21 |
| 192 | 128.2 | 13.00 | 12.00 | 33.00 | 6.54 | 1.41 | 8.17 |
| 193 | 124.4 | 17.00 | 12.00 | 43.00 | 16.92 | 1.29 | 2.34 |
| 194 | 131.3 | 12.00 | 19.00 | 42.00 | -0.84 | 11.15 | 4.23 |
| 195 | 127.2 | 14.00 | 15.00 | 36.00 | 7.06 | 5.52 | 3.12 |
| 196 | 125.2 | 16.00 | 15.00 | 38.00 | 12.26 | 5.45 | 3.58 |
| 197 | 130.4 | 16.00 | 15.00 | 34.00 | 13.47 | 5.50 | 6.29 |
| 198 | 128.4 | 15.00 | 16.00 | 40.00 | 9.44 | 6.89 | 3.22 |
| 199 | 126.9 | 10.00 | 12.00 | 34.00 | -2.19 | 1.47 | 4.13 |
| 200 | 132.4 | 16.00 | 9.00 | 32.00 | 18.35 | -2.78 | 7.76 |
| 201 | 130.7 | 19.00 | 8.00 | 39.00 | 27.30 | -4.24 | 6.88 |
| 202 | 130.1 | 17.00 | 14.00 | 44.00 | 17.01 | 4.09 | 6.04 |
| 203 | 132.8 | 14.00 | 7.00 | 31.00 | 14.05 | -5.49 | 7.92 |
| 204 | 127.9 | 18.00 | 12.00 | 35.00 | 20.69 | 1.29 | 9.65 |
| 205 | 130.1 | 14.00 | 17.00 | 45.00 | 6.21 | 8.32 | 3.87 |
| 206 | 127.9 | 13.00 | 13.00 | 40.00 | 5.76 | 2.79 | 4.83 |
| 207 | 152.8 | 13.00 | 19.00 | 41.00 | 6.21 | 11.48 | 40.71 |
| 208 | 133.5 | 15.00 | 19.00 | 46.00 | 8.34 | 11.10 | 3.60 |
| 209 | 136.6 | 18.00 | 13.00 | 41.00 | 22.59 | 2.74 | 6.86 |
| 210 | 150.7 | 10.00 | 16.00 | 34.00 | -1.81 | 7.32 | 29.89 |

| SAM NO | H# | 3H CPM | 14C CPM | WIDE CPM | 3H DPM | 14C DPM | LUMEX % |
|------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 211 | 148.6 | 9.00 | 10.00 | 25.00 | -0.51 | -1.09 | 20.32 |
| 212 | 148.0 | 33.00 | 16.00 | 63.00 | 73.38 | 6.59 | 11.61 |
| 213 | 149.4 | 21.00 | 19.00 | 49.00 | 31.62 | 11.16 | 19.58 |
| 214 | 133.4 | 20.00 | 17.00 | 51.00 | 24.56 | 8.20 | 4.62 |
| 215 | 145.3 | 62.00 | 91.00 | 122.00 | 104.71 | 110.56 | 4.06 |
| 216 | 154.8 | 19.00 | 14.00 | 45.00 | 31.79 | 4.27 | 9.45 |
| 217 | 141.0 | 27.00 | 23.00 | 57.00 | 44.32 | 16.46 | 5.06 |
| 218 | 132.7 | 10.00 | 5.00 | 25.00 | 3.72 | -8.16 | 7.38 |
| 219 | 141.1 | 15.00 | 15.00 | 38.00 | 13.14 | 5.65 | 9.15 |
| 220 | 140.1 | 13.00 | 15.00 | 40.00 | 6.69 | 5.69 | 8.95 |
| 221 | 143.8 | 17.00 | 7.00 | 32.00 | 26.58 | -5.54 | 9.05 |
| 222 | 128.0 | 10.00 | 11.00 | 26.00 | -1.34 | 0.10 | 6.43 |
| 223 | 128.7 | 16.00 | 14.00 | 37.00 | 13.79 | 4.11 | 3.86 |
| 224 | 140.1 | 17.00 | 12.00 | 43.00 | 21.40 | 1.41 | 4.39 |
| 225 | 163.1 | 5.00 | 11.00 | 23.00 | -13.59 | 0.60 | 61.49 |
| 226 | 126.5 | 17.00 | 12.00 | 36.00 | 17.48 | 1.30 | 6.24 |
| 227 | 165.0 | 8.00 | 15.00 | 36.00 | -5.88 | 6.19 | 26.79 |
| 228 | 148.6 | 15.00 | 16.00 | 47.00 | 14.36 | 7.14 | 14.05 |
| 229 | 145.8 | 9.00 | 12.00 | 27.00 | -2.58 | 1.68 | 11.46 |
| 230 | 167.0 | 21.00 | 13.00 | 41.00 | 46.14 | 2.89 | 29.17 |
| 231 | 154.8 | 13.00 | 16.00 | 41.00 | 9.26 | 7.28 | 22.34 |
| 232 | 141.0 | 11.00 | 9.00 | 31.00 | 5.31 | -2.60 | 9.97 |
| 233 | 132.7 | 10.00 | 14.00 | 35.00 | -4.32 | 7.07 | 7.02 |
| 234 | 138.8 | 11.00 | 8.00 | 27.00 | 3.77 | -4.05 | 4.25 |
| 235 | 138.5 | 10.00 | 10.00 | 20.00 | -20.00 | 20.00 | 20.00 |

for pg



ID: EQUIPMENT SURVY

8 NOV 2000 09:13

USER: 1 COMMENT: EQUIPMENT SURVEY

PRESET 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 ADC : 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 | 65.4 | 28.00 | 5.00 | 41.00 | 53.84 | 6.21 | 0.17 | |
| | | Blank Average | DPM | for | 3H : | 53.84 | COEF. OF VAR: | 0.000 |
| | | Blank Average | DPM | for | 14C : | 6.21 | COEF. OF VAR: | 0.000 |

| | | | | | | | | |
|-----|-------|-------|-------|-------|--------|-------|-------|--|
| 233 | 129.6 | 12.00 | 11.00 | 33.00 | -27.18 | 8.69 | 5.64 | |
| 234 | 127.3 | 12.00 | 8.00 | 31.00 | -25.50 | 4.53 | 3.29 | |
| 235 | 131.4 | 13.00 | 10.00 | 32.00 | -23.22 | 7.29 | 3.65 | |
| 236 | 127.1 | 11.00 | 12.00 | 33.00 | -31.17 | 10.07 | 3.92 | |
| 237 | 129.4 | 14.00 | 19.00 | 42.00 | -27.18 | 19.69 | 2.97 | |
| 238 | 135.9 | 14.00 | 13.00 | 39.00 | -21.48 | 11.46 | 3.09 | |
| 239 | 132.2 | 10.00 | 11.00 | 39.00 | -32.56 | 8.76 | 3.65 | |
| 240 | 132.0 | 14.00 | 10.00 | 35.00 | -20.16 | 7.27 | 5.25 | |
| 241 | 131.7 | 8.00 | 7.00 | 22.00 | -35.58 | 3.27 | 9.30 | |
| 242 | 132.3 | 16.00 | 5.00 | 26.00 | -10.59 | 0.30 | 5.61 | |
| 243 | 131.5 | 7.00 | 8.00 | 27.00 | -39.24 | 4.68 | 4.70 | |
| 244 | 134.6 | 10.00 | 11.00 | 27.00 | -32.21 | 8.78 | 9.15 | |
| 245 | 135.3 | 13.00 | 15.00 | 39.00 | -26.10 | 14.25 | 4.28 | |
| 246 | 136.9 | 15.00 | 8.00 | 29.00 | -14.46 | 4.50 | 7.07 | |
| 247 | 144.3 | 11.00 | 14.00 | 33.00 | -29.82 | 13.02 | 26.73 | |
| 248 | 140.4 | 22.00 | 16.00 | 50.00 | 2.11 | 15.46 | 4.11 | |
| 249 | 134.0 | 8.00 | 15.00 | 29.00 | -41.18 | 14.37 | 7.21 | |
| 250 | 130.9 | 10.00 | 9.00 | 32.00 | -31.32 | 5.98 | 2.88 | |
| 251 | 135.4 | 12.00 | 6.00 | 36.00 | -22.38 | 1.80 | 8.40 | |
| 252 | 131.9 | 18.00 | 15.00 | 43.00 | -12.15 | 14.09 | 1.84 | |
| 253 | 131.8 | 12.00 | 11.00 | 35.00 | -26.78 | 8.70 | 3.67 | |
| 254 | 129.9 | 13.00 | 11.00 | 36.00 | -24.25 | 8.66 | 4.23 | |
| 255 | 128.5 | 17.00 | 7.00 | 41.00 | -10.28 | 3.03 | 2.97 | |
| 256 | 128.4 | 10.00 | 6.00 | 27.00 | -29.57 | 1.82 | 4.13 | |
| 257 | 128.3 | 30.00 | 20.00 | 57.00 | 17.50 | 20.66 | 1.85 | |
| 258 | 130.0 | 17.00 | 13.00 | 35.00 | -14.14 | 11.33 | 3.20 | |
| 259 | 127.5 | 14.00 | 8.00 | 37.00 | -19.78 | 4.48 | 2.27 | |
| 260 | 126.8 | 12.00 | 11.00 | 31.00 | -27.69 | 8.66 | 3.98 | |
| 261 | 162.2 | 13.00 | 15.00 | 38.00 | -19.69 | 14.59 | 2.31 | |
| 262 | 130.4 | 14.00 | 12.00 | 32.00 | -21.98 | 10.03 | 2.51 | |
| 263 | 129.7 | 5.00 | 13.00 | 31.00 | -48.74 | 11.62 | 2.79 | |
| 264 | 127.0 | 16.00 | 16.00 | 45.00 | -19.85 | 15.47 | | |
| 265 | 131.6 | 14.00 | 12.00 | 37.00 | -21.71 | 10.04 | | |
| 266 | 132.2 | 28.00 | 15.00 | 34.00 | -0.74 | 47.05 | | |
| 267 | 140.0 | 16.00 | 15.00 | 31.00 | -17.30 | 5.93 | 5.82 | |
| 268 | 131.0 | 11.00 | 11.00 | 32.00 | -33.25 | 8.72 | 3.97 | |

ID: EQUIPMENT SURVY 8 NOV 2000 11:54

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 AQC : 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 | 126.8 | 12.00 | 12.00 | 33.00 | 25.45 | 16.26 | 31.32 | |
| | | Blank Average DPM for | | 3H : | 25.45 | COEF. OF VAR: | | 0.000 |
| | | Blank Average DPM for | | 14C : | 16.26 | COEF. OF VAR: | | 0.000 |
| 288 | 123.9 | 14.00 | 13.00 | 37.00 | 4.37 | 1.30 | 15.46 | |
| 290 | 126.0 | 10.00 | 17.00 | 40.00 | -9.23 | 6.93 | 15.15 | |
| 291 | 125.7 | 13.00 | 17.00 | 36.00 | -0.85 | 6.86 | 22.39 | |
| 292 | 121.7 | 13.00 | 8.00 | 31.00 | 4.59 | -5.56 | 20.13 | |
| 293 | 123.6 | 27.00 | 13.00 | 50.00 | 40.21 | 1.00 | 11.78 | |
| 294 | 125.4 | 16.00 | 9.00 | 41.00 | 13.02 | -4.24 | 21.26 | |
| 295 | 123.0 | 14.00 | 23.00 | 49.00 | -2.62 | 15.05 | 8.36 | |
| 296 | 125.3 | 18.00 | 5.00 | 33.00 | 21.36 | -9.80 | 13.68 | |
| 297 | 121.5 | 17.00 | 20.00 | 42.00 | 7.36 | 10.83 | 13.35 | |

ID: EQUIPMENT SURVY 8 NOV 2000 13:23
 USER: 1 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 AQC : 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 | 65.1 | 16.00 | 10.00 | 38.00 | 27.29 | 13.05 | 0.18 | |
| | | Blank Average DPM for | | 3H : | 27.29 | COEF. OF VAR: | | 0.000 |
| | | Blank Average DPM for | | 14C : | 13.05 | COEF. OF VAR: | | 0.000 |
| 298 | 78.4 | 15.00 | 10.00 | 34.00 | -0.45 | 0.09 | 16.04 | |
| 299 | 75.0 | 31.00 | 11.00 | 45.00 | 32.20 | 1.15 | 16.06 | |