

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102623\  
 Data File : FG013107.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Oct 2023 17:09  
 Sample : 05049-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG101623.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.912       | 1.900        | 1.944      | BV       | 143            | 2221         | 0.13%          | 0.014%        |
| 2         | 1.962       | 1.944        | 1.979      | PV       | 189            | 2224         | 0.13%          | 0.014%        |
| 3         | 1.983       | 1.979        | 2.003      | VV       | 124            | 646          | 0.04%          | 0.004%        |
| 4         | 2.005       | 2.003        | 2.011      | VV       | 79             | 176          | 0.01%          | 0.001%        |
| 5         | 2.015       | 2.011        | 2.028      | PV       | 81             | 392          | 0.02%          | 0.003%        |
| 6         | 2.031       | 2.028        | 2.044      | VV       | 82             | 452          | 0.03%          | 0.003%        |
| 7         | 2.048       | 2.044        | 2.060      | VV       | 79             | 519          | 0.03%          | 0.003%        |
| 8         | 2.073       | 2.060        | 2.119      | VV       | 145            | 3085         | 0.19%          | 0.020%        |
| 9         | 2.123       | 2.119        | 2.131      | VV       | 47             | 245          | 0.01%          | 0.002%        |
| 10        | 2.142       | 2.131        | 2.146      | VV       | 81             | 592          | 0.04%          | 0.004%        |
| 11        | 2.151       | 2.146        | 2.156      | VV       | 142            | 670          | 0.04%          | 0.004%        |
| 12        | 2.158       | 2.156        | 2.175      | VV       | 143            | 860          | 0.05%          | 0.006%        |
| 13        | 2.181       | 2.175        | 2.189      | VV       | 102            | 476          | 0.03%          | 0.003%        |
| 14        | 2.201       | 2.189        | 2.206      | PV       | 87             | 426          | 0.03%          | 0.003%        |
| 15        | 2.210       | 2.206        | 2.229      | VV       | 113            | 937          | 0.06%          | 0.006%        |
| 16        | 2.234       | 2.229        | 2.237      | VV       | 105            | 391          | 0.02%          | 0.003%        |
| 17        | 2.252       | 2.237        | 2.259      | VV       | 218            | 1978         | 0.12%          | 0.013%        |
| 18        | 2.305       | 2.259        | 2.332      | VV       | 598            | 14291        | 0.86%          | 0.093%        |
| 19        | 2.336       | 2.332        | 2.341      | VV       | 370            | 1968         | 0.12%          | 0.013%        |
| 20        | 2.373       | 2.341        | 2.394      | VV       | 674            | 15090        | 0.91%          | 0.098%        |
| 21        | 2.424       | 2.394        | 2.430      | VV       | 508            | 9357         | 0.57%          | 0.061%        |
| 22        | 2.434       | 2.430        | 2.462      | VV       | 461            | 7216         | 0.44%          | 0.047%        |
| 23        | 2.465       | 2.462        | 2.482      | VV       | 333            | 3674         | 0.22%          | 0.024%        |
| 24        | 2.487       | 2.482        | 2.492      | VV       | 295            | 1657         | 0.10%          | 0.011%        |
| 25        | 2.497       | 2.492        | 2.508      | VV       | 296            | 2616         | 0.16%          | 0.017%        |
| 26        | 2.513       | 2.508        | 2.532      | VV       | 326            | 3861         | 0.23%          | 0.025%        |
| 27        | 2.537       | 2.532        | 2.544      | VV       | 296            | 2033         | 0.12%          | 0.013%        |
| 28        | 2.552       | 2.544        | 2.598      | VV       | 312            | 7876         | 0.48%          | 0.051%        |
| 29        | 2.603       | 2.598        | 2.607      | VV       | 201            | 1104         | 0.07%          | 0.007%        |
| 30        | 2.612       | 2.607        | 2.621      | VV       | 255            | 1916         | 0.12%          | 0.012%        |
| 31        | 2.635       | 2.621        | 2.644      | VV       | 336            | 3975         | 0.24%          | 0.026%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 2.650 | 2.644 | 2.666 | VV | 340    | 3623  | 0.22% | 0.023% |
| 33 | 2.670 | 2.666 | 2.677 | VV | 222    | 1199  | 0.07% | 0.008% |
| 34 | 2.680 | 2.677 | 2.695 | VV | 201    | 1701  | 0.10% | 0.011% |
| 35 | 2.718 | 2.695 | 2.746 | VV | 261    | 5751  | 0.35% | 0.037% |
| 36 | 2.764 | 2.746 | 2.800 | VV | 613    | 10624 | 0.64% | 0.069% |
| 37 | 2.816 | 2.800 | 2.830 | VV | 181    | 2202  | 0.13% | 0.014% |
| 38 | 2.852 | 2.830 | 2.866 | VV | 225    | 3526  | 0.21% | 0.023% |
| 39 | 2.870 | 2.866 | 2.874 | VV | 189    | 831   | 0.05% | 0.005% |
| 40 | 2.887 | 2.874 | 2.911 | VV | 238    | 4511  | 0.27% | 0.029% |
| 41 | 2.918 | 2.911 | 2.948 | VV | 449    | 5784  | 0.35% | 0.037% |
| 42 | 2.960 | 2.948 | 2.994 | VV | 319    | 6538  | 0.39% | 0.042% |
| 43 | 3.014 | 2.994 | 3.024 | VV | 260    | 3327  | 0.20% | 0.022% |
| 44 | 3.036 | 3.024 | 3.052 | VV | 345    | 4191  | 0.25% | 0.027% |
| 45 | 3.057 | 3.052 | 3.065 | VV | 181    | 1272  | 0.08% | 0.008% |
| 46 | 3.079 | 3.065 | 3.101 | VV | 308    | 4224  | 0.26% | 0.027% |
| 47 | 3.124 | 3.101 | 3.141 | VV | 390    | 6219  | 0.38% | 0.040% |
| 48 | 3.147 | 3.141 | 3.192 | VV | 250    | 3501  | 0.21% | 0.023% |
| 49 | 3.197 | 3.192 | 3.200 | VV | 82     | 259   | 0.02% | 0.002% |
| 50 | 3.215 | 3.200 | 3.227 | VV | 172    | 2068  | 0.12% | 0.013% |
| 51 | 3.231 | 3.227 | 3.251 | VV | 164    | 1609  | 0.10% | 0.010% |
| 52 | 3.264 | 3.251 | 3.271 | VV | 149    | 1029  | 0.06% | 0.007% |
| 53 | 3.275 | 3.271 | 3.291 | VV | 108    | 914   | 0.06% | 0.006% |
| 54 | 3.309 | 3.291 | 3.317 | VV | 180    | 1674  | 0.10% | 0.011% |
| 55 | 3.339 | 3.317 | 3.386 | VV | 664    | 13573 | 0.82% | 0.088% |
| 56 | 3.396 | 3.386 | 3.430 | VV | 196    | 2401  | 0.15% | 0.016% |
| 57 | 3.438 | 3.430 | 3.445 | PV | 83     | 476   | 0.03% | 0.003% |
| 58 | 3.489 | 3.445 | 3.499 | VV | 309    | 5031  | 0.30% | 0.033% |
| 59 | 3.515 | 3.499 | 3.553 | VV | 291    | 6646  | 0.40% | 0.043% |
| 60 | 3.584 | 3.553 | 3.612 | VV | 354    | 7339  | 0.44% | 0.048% |
| 61 | 3.631 | 3.612 | 3.635 | VV | 279    | 2898  | 0.18% | 0.019% |
| 62 | 3.657 | 3.635 | 3.689 | VV | 709    | 12397 | 0.75% | 0.080% |
| 63 | 3.697 | 3.689 | 3.711 | VV | 271    | 2606  | 0.16% | 0.017% |
| 64 | 3.715 | 3.711 | 3.719 | VV | 134    | 558   | 0.03% | 0.004% |
| 65 | 3.741 | 3.719 | 3.771 | VV | 343    | 6047  | 0.37% | 0.039% |
| 66 | 3.794 | 3.771 | 3.820 | VV | 626    | 9832  | 0.59% | 0.064% |
| 67 | 3.826 | 3.820 | 3.848 | VV | 207    | 2578  | 0.16% | 0.017% |
| 68 | 3.858 | 3.848 | 3.883 | VV | 188    | 2869  | 0.17% | 0.019% |
| 69 | 3.896 | 3.883 | 3.901 | VV | 201    | 1583  | 0.10% | 0.010% |
| 70 | 3.929 | 3.901 | 3.969 | VV | 694    | 13180 | 0.80% | 0.085% |
| 71 | 3.977 | 3.969 | 3.993 | VV | 201    | 1815  | 0.11% | 0.012% |
| 72 | 4.000 | 3.993 | 4.007 | VV | 100    | 730   | 0.04% | 0.005% |
| 73 | 4.033 | 4.007 | 4.039 | VV | 312    | 3711  | 0.22% | 0.024% |
| 74 | 4.057 | 4.039 | 4.093 | VV | 472    | 9369  | 0.57% | 0.061% |
| 75 | 4.137 | 4.093 | 4.153 | PV | 1204   | 15322 | 0.93% | 0.099% |
| 76 | 4.165 | 4.153 | 4.181 | VV | 751    | 9374  | 0.57% | 0.061% |
| 77 | 4.189 | 4.181 | 4.220 | VV | 522    | 8172  | 0.49% | 0.053% |
| 78 | 4.244 | 4.220 | 4.272 | VV | 427    | 8019  | 0.48% | 0.052% |
| 79 | 4.283 | 4.272 | 4.297 | VV | 167    | 1975  | 0.12% | 0.013% |

|     |       |       |       |    |       |        |        |        |
|-----|-------|-------|-------|----|-------|--------|--------|--------|
| 80  | 4.326 | 4.297 | 4.350 | VV | 738   | 13618  | 0.82%  | 0.088% |
| 81  | 4.365 | 4.350 | 4.401 | VV | 1207  | 17079  | 1.03%  | 0.111% |
| 82  | 4.406 | 4.401 | 4.415 | VV | 239   | 1504   | 0.09%  | 0.010% |
| 83  | 4.431 | 4.415 | 4.463 | VV | 346   | 5430   | 0.33%  | 0.035% |
| 84  | 4.496 | 4.463 | 4.506 | VV | 235   | 4054   | 0.24%  | 0.026% |
| 85  | 4.512 | 4.506 | 4.527 | VV | 198   | 2127   | 0.13%  | 0.014% |
| 86  | 4.541 | 4.527 | 4.549 | VV | 248   | 2555   | 0.15%  | 0.017% |
| 87  | 4.553 | 4.549 | 4.558 | VV | 231   | 1037   | 0.06%  | 0.007% |
| 88  | 4.564 | 4.558 | 4.574 | VV | 222   | 1896   | 0.11%  | 0.012% |
| 89  | 4.597 | 4.574 | 4.617 | VV | 1304  | 15788  | 0.95%  | 0.102% |
| 90  | 4.639 | 4.617 | 4.652 | VV | 316   | 4950   | 0.30%  | 0.032% |
| 91  | 4.664 | 4.652 | 4.689 | VV | 261   | 4388   | 0.27%  | 0.028% |
| 92  | 4.705 | 4.689 | 4.739 | VV | 556   | 8549   | 0.52%  | 0.055% |
| 93  | 4.763 | 4.739 | 4.802 | VV | 27723 | 284734 | 17.20% | 1.844% |
| 94  | 4.816 | 4.802 | 4.836 | VV | 931   | 13953  | 0.84%  | 0.090% |
| 95  | 4.848 | 4.836 | 4.868 | VV | 477   | 6389   | 0.39%  | 0.041% |
| 96  | 4.879 | 4.868 | 4.895 | VV | 214   | 2844   | 0.17%  | 0.018% |
| 97  | 4.906 | 4.895 | 4.932 | VV | 412   | 6070   | 0.37%  | 0.039% |
| 98  | 4.971 | 4.932 | 5.000 | VV | 569   | 13596  | 0.82%  | 0.088% |
| 99  | 5.010 | 5.000 | 5.031 | VV | 259   | 4070   | 0.25%  | 0.026% |
| 100 | 5.043 | 5.031 | 5.047 | VV | 298   | 1919   | 0.12%  | 0.012% |
| 101 | 5.055 | 5.047 | 5.069 | VV | 280   | 3089   | 0.19%  | 0.020% |
| 102 | 5.073 | 5.069 | 5.094 | VV | 206   | 1985   | 0.12%  | 0.013% |
| 103 | 5.114 | 5.094 | 5.161 | VV | 911   | 13520  | 0.82%  | 0.088% |
| 104 | 5.167 | 5.161 | 5.171 | PV | 80    | 258    | 0.02%  | 0.002% |
| 105 | 5.188 | 5.171 | 5.195 | PV | 280   | 2300   | 0.14%  | 0.015% |
| 106 | 5.235 | 5.195 | 5.273 | VV | 2277  | 42718  | 2.58%  | 0.277% |
| 107 | 5.283 | 5.273 | 5.297 | VV | 311   | 3562   | 0.22%  | 0.023% |
| 108 | 5.307 | 5.297 | 5.331 | VV | 301   | 4019   | 0.24%  | 0.026% |
| 109 | 5.350 | 5.331 | 5.366 | VV | 369   | 5351   | 0.32%  | 0.035% |
| 110 | 5.383 | 5.366 | 5.403 | VV | 511   | 7684   | 0.46%  | 0.050% |
| 111 | 5.417 | 5.403 | 5.458 | VV | 728   | 11283  | 0.68%  | 0.073% |
| 112 | 5.473 | 5.458 | 5.498 | VV | 185   | 2986   | 0.18%  | 0.019% |
| 113 | 5.543 | 5.498 | 5.570 | VV | 1512  | 22202  | 1.34%  | 0.144% |
| 114 | 5.585 | 5.570 | 5.597 | VV | 836   | 9255   | 0.56%  | 0.060% |
| 115 | 5.609 | 5.597 | 5.628 | VV | 575   | 6720   | 0.41%  | 0.044% |
| 116 | 5.632 | 5.628 | 5.654 | VV | 170   | 1927   | 0.12%  | 0.012% |
| 117 | 5.673 | 5.654 | 5.693 | VV | 210   | 3123   | 0.19%  | 0.020% |
| 118 | 5.713 | 5.693 | 5.720 | VV | 204   | 2108   | 0.13%  | 0.014% |
| 119 | 5.737 | 5.720 | 5.750 | VV | 927   | 10766  | 0.65%  | 0.070% |
| 120 | 5.755 | 5.750 | 5.782 | VV | 545   | 7024   | 0.42%  | 0.045% |
| 121 | 5.803 | 5.782 | 5.826 | VV | 547   | 9682   | 0.58%  | 0.063% |
| 122 | 5.830 | 5.826 | 5.834 | VV | 102   | 413    | 0.02%  | 0.003% |
| 123 | 5.864 | 5.834 | 5.876 | VV | 338   | 5171   | 0.31%  | 0.033% |
| 124 | 5.882 | 5.876 | 5.888 | VV | 288   | 1755   | 0.11%  | 0.011% |
| 125 | 5.905 | 5.888 | 5.914 | VV | 610   | 6851   | 0.41%  | 0.044% |
| 126 | 5.927 | 5.914 | 5.954 | VV | 743   | 11454  | 0.69%  | 0.074% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 127 | 5.970 | 5.954 | 5.975 | VV | 532    | 4585   | 0.28% | 0.030% |
| 128 | 5.988 | 5.975 | 5.999 | VV | 950    | 10035  | 0.61% | 0.065% |
| 129 | 6.008 | 5.999 | 6.028 | VV | 814    | 9288   | 0.56% | 0.060% |
| 130 | 6.033 | 6.028 | 6.038 | VV | 302    | 1629   | 0.10% | 0.011% |
| 131 | 6.054 | 6.038 | 6.081 | VV | 559    | 7611   | 0.46% | 0.049% |
| 132 | 6.105 | 6.081 | 6.127 | VV | 1473   | 17357  | 1.05% | 0.112% |
| 133 | 6.147 | 6.127 | 6.163 | VV | 567    | 8034   | 0.49% | 0.052% |
| 134 | 6.167 | 6.163 | 6.184 | VV | 303    | 2763   | 0.17% | 0.018% |
| 135 | 6.204 | 6.184 | 6.230 | VV | 629    | 9846   | 0.59% | 0.064% |
| 136 | 6.239 | 6.230 | 6.244 | VV | 154    | 997    | 0.06% | 0.006% |
| 137 | 6.275 | 6.244 | 6.290 | VV | 768    | 9398   | 0.57% | 0.061% |
| 138 | 6.311 | 6.290 | 6.338 | VV | 3850   | 43074  | 2.60% | 0.279% |
| 139 | 6.345 | 6.338 | 6.360 | VV | 437    | 4712   | 0.28% | 0.031% |
| 140 | 6.381 | 6.360 | 6.408 | VV | 9523   | 99665  | 6.02% | 0.646% |
| 141 | 6.413 | 6.408 | 6.442 | VV | 720    | 10475  | 0.63% | 0.068% |
| 142 | 6.461 | 6.442 | 6.495 | VV | 833    | 15487  | 0.94% | 0.100% |
| 143 | 6.502 | 6.495 | 6.516 | VV | 390    | 3745   | 0.23% | 0.024% |
| 144 | 6.536 | 6.516 | 6.557 | VV | 700    | 10039  | 0.61% | 0.065% |
| 145 | 6.564 | 6.557 | 6.587 | VV | 335    | 4991   | 0.30% | 0.032% |
| 146 | 6.613 | 6.587 | 6.657 | VV | 5466   | 64497  | 3.90% | 0.418% |
| 147 | 6.661 | 6.657 | 6.673 | VV | 399    | 3212   | 0.19% | 0.021% |
| 148 | 6.707 | 6.673 | 6.751 | VV | 2119   | 46775  | 2.83% | 0.303% |
| 149 | 6.771 | 6.751 | 6.791 | VV | 1305   | 21549  | 1.30% | 0.140% |
| 150 | 6.805 | 6.791 | 6.852 | VV | 592    | 13558  | 0.82% | 0.088% |
| 151 | 6.864 | 6.852 | 6.872 | VV | 326    | 3368   | 0.20% | 0.022% |
| 152 | 6.879 | 6.872 | 6.896 | VV | 323    | 3283   | 0.20% | 0.021% |
| 153 | 6.900 | 6.896 | 6.906 | VV | 179    | 933    | 0.06% | 0.006% |
| 154 | 6.929 | 6.906 | 6.957 | VV | 509    | 8404   | 0.51% | 0.054% |
| 155 | 6.989 | 6.957 | 7.014 | VV | 715    | 11732  | 0.71% | 0.076% |
| 156 | 7.031 | 7.014 | 7.046 | VV | 565    | 6289   | 0.38% | 0.041% |
| 157 | 7.061 | 7.046 | 7.065 | VV | 279    | 2473   | 0.15% | 0.016% |
| 158 | 7.071 | 7.065 | 7.077 | VV | 279    | 1713   | 0.10% | 0.011% |
| 159 | 7.095 | 7.077 | 7.134 | VV | 537    | 9705   | 0.59% | 0.063% |
| 160 | 7.140 | 7.134 | 7.154 | VV | 110    | 516    | 0.03% | 0.003% |
| 161 | 7.183 | 7.154 | 7.201 | VV | 657    | 8051   | 0.49% | 0.052% |
| 162 | 7.208 | 7.201 | 7.220 | VV | 105    | 916    | 0.06% | 0.006% |
| 163 | 7.253 | 7.220 | 7.277 | VV | 2964   | 36799  | 2.22% | 0.238% |
| 164 | 7.293 | 7.277 | 7.331 | VV | 904    | 21379  | 1.29% | 0.138% |
| 165 | 7.347 | 7.331 | 7.376 | VV | 498    | 8416   | 0.51% | 0.055% |
| 166 | 7.412 | 7.376 | 7.430 | VV | 1148   | 18951  | 1.14% | 0.123% |
| 167 | 7.445 | 7.430 | 7.479 | VV | 822    | 13576  | 0.82% | 0.088% |
| 168 | 7.506 | 7.479 | 7.531 | VV | 497    | 9760   | 0.59% | 0.063% |
| 169 | 7.554 | 7.531 | 7.589 | VV | 1188   | 17074  | 1.03% | 0.111% |
| 170 | 7.593 | 7.589 | 7.597 | VV | 277    | 1138   | 0.07% | 0.007% |
| 171 | 7.617 | 7.597 | 7.651 | VV | 539    | 9980   | 0.60% | 0.065% |
| 172 | 7.678 | 7.651 | 7.689 | VV | 462    | 7112   | 0.43% | 0.046% |
| 173 | 7.729 | 7.689 | 7.772 | VV | 11315  | 156108 | 9.43% | 1.011% |
| 174 | 7.775 | 7.772 | 7.803 | VV | 733    | 10744  | 0.65% | 0.070% |

|     |       |       |       |    |               |       |       |        |
|-----|-------|-------|-------|----|---------------|-------|-------|--------|
| 175 | 7.815 | 7.803 | 7.831 | VV | rteres<br>528 | 7497  | 0.45% | 0.049% |
| 176 | 7.842 | 7.831 | 7.850 | VV | 417           | 4124  | 0.25% | 0.027% |
| 177 | 7.854 | 7.850 | 7.859 | VV | 390           | 1890  | 0.11% | 0.012% |
| 178 | 7.876 | 7.859 | 7.909 | VV | 1032          | 18709 | 1.13% | 0.121% |
| 179 | 7.924 | 7.909 | 7.964 | VV | 1259          | 15565 | 0.94% | 0.101% |
| 180 | 8.008 | 7.964 | 8.057 | PV | 6969          | 87736 | 5.30% | 0.568% |
| 181 | 8.063 | 8.057 | 8.085 | VV | 274           | 3518  | 0.21% | 0.023% |
| 182 | 8.097 | 8.085 | 8.120 | VV | 183           | 2975  | 0.18% | 0.019% |
| 183 | 8.135 | 8.120 | 8.159 | VV | 805           | 11797 | 0.71% | 0.076% |
| 184 | 8.179 | 8.159 | 8.201 | VV | 2730          | 30995 | 1.87% | 0.201% |
| 185 | 8.210 | 8.201 | 8.234 | VV | 335           | 4804  | 0.29% | 0.031% |
| 186 | 8.240 | 8.234 | 8.246 | VV | 233           | 1521  | 0.09% | 0.010% |
| 187 | 8.253 | 8.246 | 8.277 | VV | 271           | 2636  | 0.16% | 0.017% |
| 188 | 8.331 | 8.277 | 8.369 | VV | 1252          | 23764 | 1.44% | 0.154% |
| 189 | 8.381 | 8.369 | 8.399 | VV | 341           | 4482  | 0.27% | 0.029% |
| 190 | 8.432 | 8.399 | 8.456 | VV | 934           | 14156 | 0.86% | 0.092% |
| 191 | 8.461 | 8.456 | 8.474 | VV | 269           | 2324  | 0.14% | 0.015% |
| 192 | 8.497 | 8.474 | 8.515 | VV | 423           | 6360  | 0.38% | 0.041% |
| 193 | 8.530 | 8.515 | 8.543 | VV | 415           | 5239  | 0.32% | 0.034% |
| 194 | 8.569 | 8.543 | 8.587 | VV | 930           | 18392 | 1.11% | 0.119% |
| 195 | 8.604 | 8.587 | 8.627 | VV | 1018          | 16053 | 0.97% | 0.104% |
| 196 | 8.633 | 8.627 | 8.649 | VV | 418           | 4657  | 0.28% | 0.030% |
| 197 | 8.668 | 8.649 | 8.685 | VV | 393           | 7025  | 0.42% | 0.046% |
| 198 | 8.701 | 8.685 | 8.723 | VV | 505           | 7817  | 0.47% | 0.051% |
| 199 | 8.734 | 8.723 | 8.763 | VV | 321           | 4896  | 0.30% | 0.032% |
| 200 | 8.798 | 8.763 | 8.817 | VV | 481           | 9462  | 0.57% | 0.061% |
| 201 | 8.856 | 8.817 | 8.895 | VV | 1894          | 37981 | 2.29% | 0.246% |
| 202 | 8.908 | 8.895 | 8.947 | VV | 514           | 11201 | 0.68% | 0.073% |
| 203 | 8.971 | 8.947 | 9.006 | VV | 721           | 15682 | 0.95% | 0.102% |
| 204 | 9.010 | 9.006 | 9.015 | VV | 301           | 1539  | 0.09% | 0.010% |
| 205 | 9.041 | 9.015 | 9.075 | VV | 4501          | 55625 | 3.36% | 0.360% |
| 206 | 9.080 | 9.075 | 9.086 | VV | 453           | 2853  | 0.17% | 0.018% |
| 207 | 9.106 | 9.086 | 9.127 | VV | 828           | 13710 | 0.83% | 0.089% |
| 208 | 9.137 | 9.127 | 9.154 | VV | 343           | 5014  | 0.30% | 0.032% |
| 209 | 9.176 | 9.154 | 9.203 | VV | 327           | 7759  | 0.47% | 0.050% |
| 210 | 9.231 | 9.203 | 9.270 | VV | 461           | 12592 | 0.76% | 0.082% |
| 211 | 9.294 | 9.270 | 9.310 | VV | 531           | 8257  | 0.50% | 0.053% |
| 212 | 9.337 | 9.310 | 9.348 | VV | 1057          | 16633 | 1.00% | 0.108% |
| 213 | 9.359 | 9.348 | 9.394 | VV | 1176          | 19043 | 1.15% | 0.123% |
| 214 | 9.409 | 9.394 | 9.417 | VV | 415           | 4526  | 0.27% | 0.029% |
| 215 | 9.435 | 9.417 | 9.449 | VV | 678           | 9654  | 0.58% | 0.063% |
| 216 | 9.454 | 9.449 | 9.460 | VV | 346           | 2021  | 0.12% | 0.013% |
| 217 | 9.467 | 9.460 | 9.481 | VV | 341           | 3325  | 0.20% | 0.022% |
| 218 | 9.488 | 9.481 | 9.497 | VV | 255           | 2156  | 0.13% | 0.014% |
| 219 | 9.500 | 9.497 | 9.505 | VV | 256           | 1071  | 0.06% | 0.007% |
| 220 | 9.521 | 9.505 | 9.527 | VV | 225           | 2841  | 0.17% | 0.018% |
| 221 | 9.549 | 9.527 | 9.556 | VV | 296           | 4537  | 0.27% | 0.029% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 222 | 9.572  | 9.556  | 9.582  | VV | 308    | 4492   | 0.27%  | 0.029% |
| 223 | 9.594  | 9.582  | 9.598  | VV | 335    | 2641   | 0.16%  | 0.017% |
| 224 | 9.615  | 9.598  | 9.636  | VV | 781    | 11362  | 0.69%  | 0.074% |
| 225 | 9.644  | 9.636  | 9.677  | VV | 395    | 6911   | 0.42%  | 0.045% |
| 226 | 9.681  | 9.677  | 9.686  | VV | 149    | 666    | 0.04%  | 0.004% |
| 227 | 9.732  | 9.686  | 9.745  | VV | 1875   | 29908  | 1.81%  | 0.194% |
| 228 | 9.760  | 9.745  | 9.796  | VV | 3162   | 45417  | 2.74%  | 0.294% |
| 229 | 9.818  | 9.796  | 9.855  | VV | 1637   | 26249  | 1.59%  | 0.170% |
| 230 | 9.859  | 9.855  | 9.865  | VV | 338    | 1959   | 0.12%  | 0.013% |
| 231 | 9.887  | 9.865  | 9.907  | VV | 649    | 12032  | 0.73%  | 0.078% |
| 232 | 9.910  | 9.907  | 9.915  | VV | 312    | 1500   | 0.09%  | 0.010% |
| 233 | 9.931  | 9.915  | 9.943  | VV | 476    | 6733   | 0.41%  | 0.044% |
| 234 | 9.947  | 9.943  | 9.955  | VV | 362    | 2623   | 0.16%  | 0.017% |
| 235 | 9.964  | 9.955  | 9.989  | VV | 492    | 7513   | 0.45%  | 0.049% |
| 236 | 9.994  | 9.989  | 10.001 | VV | 360    | 1972   | 0.12%  | 0.013% |
| 237 | 10.006 | 10.001 | 10.020 | VV | 313    | 3060   | 0.18%  | 0.020% |
| 238 | 10.053 | 10.020 | 10.080 | VV | 26166  | 296436 | 17.91% | 1.920% |
| 239 | 10.094 | 10.080 | 10.124 | VV | 921    | 16661  | 1.01%  | 0.108% |
| 240 | 10.151 | 10.124 | 10.167 | VV | 756    | 14030  | 0.85%  | 0.091% |
| 241 | 10.186 | 10.167 | 10.193 | VV | 588    | 8247   | 0.50%  | 0.053% |
| 242 | 10.197 | 10.193 | 10.202 | VV | 545    | 2779   | 0.17%  | 0.018% |
| 243 | 10.215 | 10.202 | 10.240 | VV | 652    | 11195  | 0.68%  | 0.073% |
| 244 | 10.244 | 10.240 | 10.273 | VV | 366    | 5511   | 0.33%  | 0.036% |
| 245 | 10.280 | 10.273 | 10.290 | VV | 291    | 2440   | 0.15%  | 0.016% |
| 246 | 10.319 | 10.290 | 10.339 | VV | 562    | 12038  | 0.73%  | 0.078% |
| 247 | 10.345 | 10.339 | 10.360 | VV | 391    | 4377   | 0.26%  | 0.028% |
| 248 | 10.366 | 10.360 | 10.381 | VV | 439    | 5233   | 0.32%  | 0.034% |
| 249 | 10.391 | 10.381 | 10.415 | VV | 428    | 6755   | 0.41%  | 0.044% |
| 250 | 10.438 | 10.415 | 10.458 | VV | 462    | 8833   | 0.53%  | 0.057% |
| 251 | 10.476 | 10.458 | 10.494 | VV | 485    | 8406   | 0.51%  | 0.054% |
| 252 | 10.514 | 10.494 | 10.540 | VV | 608    | 11246  | 0.68%  | 0.073% |
| 253 | 10.562 | 10.540 | 10.587 | VV | 886    | 15820  | 0.96%  | 0.102% |
| 254 | 10.607 | 10.587 | 10.622 | VV | 519    | 9021   | 0.54%  | 0.058% |
| 255 | 10.647 | 10.622 | 10.653 | VV | 532    | 7792   | 0.47%  | 0.050% |
| 256 | 10.669 | 10.653 | 10.689 | VV | 780    | 12579  | 0.76%  | 0.081% |
| 257 | 10.704 | 10.689 | 10.712 | VV | 485    | 6020   | 0.36%  | 0.039% |
| 258 | 10.716 | 10.712 | 10.729 | VV | 487    | 4248   | 0.26%  | 0.028% |
| 259 | 10.744 | 10.729 | 10.758 | VV | 598    | 9145   | 0.55%  | 0.059% |
| 260 | 10.786 | 10.758 | 10.792 | VV | 678    | 11777  | 0.71%  | 0.076% |
| 261 | 10.806 | 10.792 | 10.826 | VV | 738    | 12102  | 0.73%  | 0.078% |
| 262 | 10.845 | 10.826 | 10.856 | VV | 1233   | 16917  | 1.02%  | 0.110% |
| 263 | 10.865 | 10.856 | 10.884 | VV | 1220   | 16651  | 1.01%  | 0.108% |
| 264 | 10.890 | 10.884 | 10.907 | VV | 729    | 9699   | 0.59%  | 0.063% |
| 265 | 10.940 | 10.907 | 10.991 | VV | 1510   | 48183  | 2.91%  | 0.312% |
| 266 | 11.002 | 10.991 | 11.008 | VV | 794    | 6778   | 0.41%  | 0.044% |
| 267 | 11.027 | 11.008 | 11.048 | VV | 960    | 18305  | 1.11%  | 0.119% |
| 268 | 11.066 | 11.048 | 11.071 | VV | 1038   | 11466  | 0.69%  | 0.074% |
| 269 | 11.090 | 11.071 | 11.115 | VV | 1442   | 29838  | 1.80%  | 0.193% |

|     |        |        |        |    |               |        |        |        |
|-----|--------|--------|--------|----|---------------|--------|--------|--------|
| 270 | 11.125 | 11.115 | 11.141 | VV | rteres<br>870 | 11785  | 0.71%  | 0.076% |
| 271 | 11.154 | 11.141 | 11.170 | VV | 1101          | 16029  | 0.97%  | 0.104% |
| 272 | 11.202 | 11.170 | 11.221 | VV | 1735          | 34437  | 2.08%  | 0.223% |
| 273 | 11.228 | 11.221 | 11.254 | VV | 975           | 17302  | 1.05%  | 0.112% |
| 274 | 11.271 | 11.254 | 11.283 | VV | 1089          | 15515  | 0.94%  | 0.100% |
| 275 | 11.302 | 11.283 | 11.323 | VV | 2729          | 37360  | 2.26%  | 0.242% |
| 276 | 11.340 | 11.323 | 11.363 | VV | 1184          | 20654  | 1.25%  | 0.134% |
| 277 | 11.394 | 11.363 | 11.434 | VV | 1336          | 32790  | 1.98%  | 0.212% |
| 278 | 11.470 | 11.434 | 11.504 | VV | 831           | 28976  | 1.75%  | 0.188% |
| 279 | 11.525 | 11.504 | 11.539 | VV | 747           | 13670  | 0.83%  | 0.089% |
| 280 | 11.562 | 11.539 | 11.582 | VV | 1156          | 22349  | 1.35%  | 0.145% |
| 281 | 11.598 | 11.582 | 11.621 | VV | 843           | 16931  | 1.02%  | 0.110% |
| 282 | 11.629 | 11.621 | 11.633 | VV | 659           | 4754   | 0.29%  | 0.031% |
| 283 | 11.644 | 11.633 | 11.653 | VV | 762           | 8507   | 0.51%  | 0.055% |
| 284 | 11.668 | 11.653 | 11.697 | VV | 956           | 21046  | 1.27%  | 0.136% |
| 285 | 11.701 | 11.697 | 11.717 | VV | 671           | 7648   | 0.46%  | 0.050% |
| 286 | 11.723 | 11.717 | 11.727 | VV | 639           | 3931   | 0.24%  | 0.025% |
| 287 | 11.742 | 11.727 | 11.755 | VV | 795           | 11984  | 0.72%  | 0.078% |
| 288 | 11.761 | 11.755 | 11.783 | VV | 735           | 11335  | 0.68%  | 0.073% |
| 289 | 11.826 | 11.783 | 11.851 | VV | 3344          | 58255  | 3.52%  | 0.377% |
| 290 | 11.868 | 11.851 | 11.904 | VV | 3263          | 53070  | 3.21%  | 0.344% |
| 291 | 11.919 | 11.904 | 11.937 | VV | 952           | 16201  | 0.98%  | 0.105% |
| 292 | 11.943 | 11.937 | 11.950 | VV | 787           | 6056   | 0.37%  | 0.039% |
| 293 | 11.973 | 11.950 | 11.993 | VV | 994           | 19955  | 1.21%  | 0.129% |
| 294 | 12.015 | 11.993 | 12.032 | VV | 918           | 16933  | 1.02%  | 0.110% |
| 295 | 12.048 | 12.032 | 12.069 | VV | 913           | 16821  | 1.02%  | 0.109% |
| 296 | 12.088 | 12.069 | 12.103 | VV | 785           | 13889  | 0.84%  | 0.090% |
| 297 | 12.152 | 12.103 | 12.191 | VV | 2262          | 52918  | 3.20%  | 0.343% |
| 298 | 12.196 | 12.191 | 12.225 | VV | 598           | 10942  | 0.66%  | 0.071% |
| 299 | 12.250 | 12.225 | 12.268 | VV | 620           | 13906  | 0.84%  | 0.090% |
| 300 | 12.277 | 12.268 | 12.296 | VV | 599           | 8918   | 0.54%  | 0.058% |
| 301 | 12.339 | 12.296 | 12.375 | VV | 890           | 30968  | 1.87%  | 0.201% |
| 302 | 12.394 | 12.375 | 12.407 | VV | 615           | 11092  | 0.67%  | 0.072% |
| 303 | 12.431 | 12.407 | 12.449 | VV | 2768          | 37204  | 2.25%  | 0.241% |
| 304 | 12.460 | 12.449 | 12.489 | VV | 931           | 16812  | 1.02%  | 0.109% |
| 305 | 12.503 | 12.489 | 12.536 | VV | 618           | 15227  | 0.92%  | 0.099% |
| 306 | 12.583 | 12.536 | 12.647 | VV | 14989         | 209086 | 12.63% | 1.354% |
| 307 | 12.670 | 12.647 | 12.703 | VV | 2770          | 45670  | 2.76%  | 0.296% |
| 308 | 12.710 | 12.703 | 12.736 | VV | 613           | 10049  | 0.61%  | 0.065% |
| 309 | 12.764 | 12.736 | 12.779 | VV | 610           | 13611  | 0.82%  | 0.088% |
| 310 | 12.799 | 12.779 | 12.820 | VV | 627           | 12450  | 0.75%  | 0.081% |
| 311 | 12.838 | 12.820 | 12.848 | VV | 514           | 7634   | 0.46%  | 0.049% |
| 312 | 12.852 | 12.848 | 12.857 | VV | 391           | 2052   | 0.12%  | 0.013% |
| 313 | 12.882 | 12.857 | 12.889 | VV | 775           | 10188  | 0.62%  | 0.066% |
| 314 | 12.903 | 12.889 | 12.935 | VV | 931           | 20155  | 1.22%  | 0.131% |
| 315 | 12.939 | 12.935 | 12.956 | VV | 517           | 5674   | 0.34%  | 0.037% |
| 316 | 12.960 | 12.956 | 12.964 | VV | 460           | 2226   | 0.13%  | 0.014% |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 317 | 12.982 | 12.964 | 13.017 | VV | 866    | 18899   | 1.14%  | 0.122%  |
| 318 | 13.045 | 13.017 | 13.070 | VV | 662    | 16521   | 1.00%  | 0.107%  |
| 319 | 13.075 | 13.070 | 13.084 | VV | 477    | 3621    | 0.22%  | 0.023%  |
| 320 | 13.122 | 13.084 | 13.132 | VV | 1214   | 21798   | 1.32%  | 0.141%  |
| 321 | 13.147 | 13.132 | 13.170 | VV | 1966   | 26867   | 1.62%  | 0.174%  |
| 322 | 13.174 | 13.170 | 13.181 | VV | 371    | 2400    | 0.14%  | 0.016%  |
| 323 | 13.213 | 13.181 | 13.231 | VV | 480    | 11750   | 0.71%  | 0.076%  |
| 324 | 13.244 | 13.231 | 13.262 | VV | 498    | 8169    | 0.49%  | 0.053%  |
| 325 | 13.266 | 13.262 | 13.277 | VV | 497    | 4096    | 0.25%  | 0.027%  |
| 326 | 13.285 | 13.277 | 13.299 | VV | 478    | 5624    | 0.34%  | 0.036%  |
| 327 | 13.322 | 13.299 | 13.355 | VV | 879    | 18609   | 1.12%  | 0.121%  |
| 328 | 13.394 | 13.355 | 13.428 | VV | 2478   | 42178   | 2.55%  | 0.273%  |
| 329 | 13.434 | 13.428 | 13.440 | VV | 335    | 2218    | 0.13%  | 0.014%  |
| 330 | 13.443 | 13.440 | 13.448 | VV | 313    | 1351    | 0.08%  | 0.009%  |
| 331 | 13.450 | 13.448 | 13.453 | VV | 321    | 857     | 0.05%  | 0.006%  |
| 332 | 13.458 | 13.453 | 13.462 | VV | 363    | 1792    | 0.11%  | 0.012%  |
| 333 | 13.468 | 13.462 | 13.475 | VV | 363    | 2503    | 0.15%  | 0.016%  |
| 334 | 13.484 | 13.475 | 13.490 | VV | 335    | 2853    | 0.17%  | 0.018%  |
| 335 | 13.529 | 13.490 | 13.539 | VV | 577    | 12589   | 0.76%  | 0.082%  |
| 336 | 13.547 | 13.539 | 13.560 | VV | 577    | 6398    | 0.39%  | 0.041%  |
| 337 | 13.638 | 13.560 | 13.683 | VV | 11707  | 192573  | 11.63% | 1.247%  |
| 338 | 13.712 | 13.683 | 13.754 | VV | 2621   | 53052   | 3.20%  | 0.344%  |
| 339 | 13.790 | 13.754 | 13.798 | VV | 540    | 11500   | 0.69%  | 0.074%  |
| 340 | 13.823 | 13.798 | 13.848 | VV | 7940   | 103818  | 6.27%  | 0.672%  |
| 341 | 13.879 | 13.848 | 13.930 | VV | 131539 | 1612455 | 97.40% | 10.444% |
| 342 | 13.948 | 13.930 | 13.970 | VV | 637    | 12276   | 0.74%  | 0.080%  |
| 343 | 13.984 | 13.970 | 13.999 | VV | 568    | 8368    | 0.51%  | 0.054%  |
| 344 | 14.006 | 13.999 | 14.032 | VV | 479    | 8052    | 0.49%  | 0.052%  |
| 345 | 14.035 | 14.032 | 14.038 | VV | 428    | 1465    | 0.09%  | 0.009%  |
| 346 | 14.071 | 14.038 | 14.103 | VV | 724    | 20709   | 1.25%  | 0.134%  |
| 347 | 14.110 | 14.103 | 14.114 | VV | 444    | 2715    | 0.16%  | 0.018%  |
| 348 | 14.131 | 14.114 | 14.147 | VV | 681    | 11418   | 0.69%  | 0.074%  |
| 349 | 14.159 | 14.147 | 14.171 | VV | 638    | 8422    | 0.51%  | 0.055%  |
| 350 | 14.186 | 14.171 | 14.202 | VV | 710    | 10697   | 0.65%  | 0.069%  |
| 351 | 14.229 | 14.202 | 14.257 | VV | 6629   | 87629   | 5.29%  | 0.568%  |
| 352 | 14.291 | 14.257 | 14.332 | VV | 64008  | 754261  | 45.56% | 4.885%  |
| 353 | 14.344 | 14.332 | 14.351 | VV | 438    | 3955    | 0.24%  | 0.026%  |
| 354 | 14.360 | 14.351 | 14.378 | VV | 417    | 5627    | 0.34%  | 0.036%  |
| 355 | 14.382 | 14.378 | 14.390 | VV | 352    | 2282    | 0.14%  | 0.015%  |
| 356 | 14.406 | 14.390 | 14.411 | VV | 538    | 5508    | 0.33%  | 0.036%  |
| 357 | 14.417 | 14.411 | 14.445 | VV | 530    | 9341    | 0.56%  | 0.060%  |
| 358 | 14.476 | 14.445 | 14.485 | VV | 778    | 13336   | 0.81%  | 0.086%  |
| 359 | 14.492 | 14.485 | 14.525 | VV | 719    | 13527   | 0.82%  | 0.088%  |
| 360 | 14.546 | 14.525 | 14.573 | VV | 817    | 16637   | 1.00%  | 0.108%  |
| 361 | 14.595 | 14.573 | 14.616 | VV | 505    | 10794   | 0.65%  | 0.070%  |
| 362 | 14.657 | 14.616 | 14.679 | VV | 889    | 20340   | 1.23%  | 0.132%  |
| 363 | 14.724 | 14.679 | 14.739 | VV | 1041   | 23810   | 1.44%  | 0.154%  |
| 364 | 14.753 | 14.739 | 14.777 | VV | 930    | 16108   | 0.97%  | 0.104%  |

|     |        |        |        |    |               |         |         |         |
|-----|--------|--------|--------|----|---------------|---------|---------|---------|
| 365 | 14.784 | 14.777 | 14.790 | VV | rteres<br>445 | 3105    | 0.19%   | 0.020%  |
| 366 | 14.820 | 14.790 | 14.824 | VV | 759           | 13360   | 0.81%   | 0.087%  |
| 367 | 14.829 | 14.824 | 14.861 | VV | 765           | 13336   | 0.81%   | 0.086%  |
| 368 | 14.883 | 14.861 | 14.933 | VV | 708           | 19902   | 1.20%   | 0.129%  |
| 369 | 14.964 | 14.933 | 14.999 | VV | 661           | 19425   | 1.17%   | 0.126%  |
| 370 | 15.027 | 14.999 | 15.033 | VV | 525           | 8676    | 0.52%   | 0.056%  |
| 371 | 15.086 | 15.033 | 15.150 | VV | 122852        | 1655549 | 100.00% | 10.723% |
| 372 | 15.177 | 15.150 | 15.208 | VV | 704           | 15440   | 0.93%   | 0.100%  |
| 373 | 15.214 | 15.208 | 15.218 | VV | 348           | 1936    | 0.12%   | 0.013%  |
| 374 | 15.248 | 15.218 | 15.263 | VV | 582           | 11860   | 0.72%   | 0.077%  |
| 375 | 15.286 | 15.263 | 15.314 | VV | 712           | 15540   | 0.94%   | 0.101%  |
| 376 | 15.338 | 15.314 | 15.366 | VV | 368           | 7997    | 0.48%   | 0.052%  |
| 377 | 15.372 | 15.366 | 15.378 | VV | 262           | 1573    | 0.09%   | 0.010%  |
| 378 | 15.385 | 15.378 | 15.401 | VV | 224           | 2441    | 0.15%   | 0.016%  |
| 379 | 15.419 | 15.401 | 15.427 | VV | 245           | 2862    | 0.17%   | 0.019%  |
| 380 | 15.434 | 15.427 | 15.443 | VV | 254           | 1963    | 0.12%   | 0.013%  |
| 381 | 15.481 | 15.443 | 15.517 | VV | 958           | 18070   | 1.09%   | 0.117%  |
| 382 | 15.521 | 15.517 | 15.537 | VV | 189           | 1780    | 0.11%   | 0.012%  |
| 383 | 15.549 | 15.537 | 15.571 | VV | 228           | 3235    | 0.20%   | 0.021%  |
| 384 | 15.577 | 15.571 | 15.584 | VV | 143           | 940     | 0.06%   | 0.006%  |
| 385 | 15.637 | 15.584 | 15.655 | VV | 383           | 10422   | 0.63%   | 0.068%  |
| 386 | 15.677 | 15.655 | 15.703 | VV | 483           | 8702    | 0.53%   | 0.056%  |
| 387 | 15.712 | 15.703 | 15.718 | VV | 202           | 1398    | 0.08%   | 0.009%  |
| 388 | 15.729 | 15.718 | 15.750 | VV | 220           | 3032    | 0.18%   | 0.020%  |
| 389 | 15.763 | 15.750 | 15.768 | VV | 301           | 2331    | 0.14%   | 0.015%  |
| 390 | 15.772 | 15.768 | 15.786 | VV | 256           | 2240    | 0.14%   | 0.015%  |
| 391 | 15.815 | 15.786 | 15.850 | VV | 673           | 15460   | 0.93%   | 0.100%  |
| 392 | 15.855 | 15.850 | 15.866 | VV | 176           | 1585    | 0.10%   | 0.010%  |
| 393 | 15.891 | 15.866 | 15.910 | VV | 334           | 5742    | 0.35%   | 0.037%  |
| 394 | 15.912 | 15.910 | 15.925 | VV | 176           | 1126    | 0.07%   | 0.007%  |
| 395 | 15.946 | 15.925 | 15.986 | VV | 341           | 7964    | 0.48%   | 0.052%  |
| 396 | 16.004 | 15.986 | 16.026 | VV | 401           | 6398    | 0.39%   | 0.041%  |
| 397 | 16.031 | 16.026 | 16.035 | VV | 201           | 829     | 0.05%   | 0.005%  |
| 398 | 16.062 | 16.035 | 16.087 | VV | 236           | 5910    | 0.36%   | 0.038%  |
| 399 | 16.093 | 16.087 | 16.096 | VV | 288           | 1292    | 0.08%   | 0.008%  |
| 400 | 16.107 | 16.096 | 16.121 | VV | 324           | 3502    | 0.21%   | 0.023%  |
| 401 | 16.127 | 16.121 | 16.178 | VV | 231           | 4001    | 0.24%   | 0.026%  |
| 402 | 16.184 | 16.178 | 16.188 | VV | 113           | 501     | 0.03%   | 0.003%  |
| 403 | 16.212 | 16.188 | 16.226 | VV | 165           | 2652    | 0.16%   | 0.017%  |
| 404 | 16.263 | 16.226 | 16.267 | VV | 185           | 2284    | 0.14%   | 0.015%  |
| 405 | 16.273 | 16.267 | 16.293 | VV | 248           | 2814    | 0.17%   | 0.018%  |
| 406 | 16.314 | 16.293 | 16.335 | VV | 653           | 8903    | 0.54%   | 0.058%  |
| 407 | 16.360 | 16.335 | 16.366 | PV | 147           | 1831    | 0.11%   | 0.012%  |
| 408 | 16.370 | 16.366 | 16.373 | VV | 109           | 339     | 0.02%   | 0.002%  |
| 409 | 16.376 | 16.373 | 16.405 | VV | 99            | 1195    | 0.07%   | 0.008%  |
| 410 | 16.414 | 16.405 | 16.423 | VV | 101           | 758     | 0.05%   | 0.005%  |
| 411 | 16.439 | 16.423 | 16.445 | PV | 104           | 871     | 0.05%   | 0.006%  |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 412 | 16.449 | 16.445 | 16.459 | VV | 108    | 541   | 0.03% | 0.004% |
| 413 | 16.488 | 16.459 | 16.508 | PV | 219    | 2915  | 0.18% | 0.019% |
| 414 | 16.524 | 16.508 | 16.551 | VV | 243    | 3636  | 0.22% | 0.024% |
| 415 | 16.556 | 16.551 | 16.571 | VV | 90     | 537   | 0.03% | 0.003% |
| 416 | 16.583 | 16.571 | 16.593 | VV | 86     | 694   | 0.04% | 0.004% |
| 417 | 16.627 | 16.593 | 16.638 | PV | 138    | 2443  | 0.15% | 0.016% |
| 418 | 16.657 | 16.638 | 16.668 | VV | 191    | 2352  | 0.14% | 0.015% |
| 419 | 16.675 | 16.668 | 16.689 | VV | 171    | 1415  | 0.09% | 0.009% |
| 420 | 16.705 | 16.689 | 16.710 | VV | 129    | 1130  | 0.07% | 0.007% |
| 421 | 16.715 | 16.710 | 16.720 | VV | 92     | 387   | 0.02% | 0.003% |
| 422 | 16.725 | 16.720 | 16.729 | VV | 91     | 370   | 0.02% | 0.002% |
| 423 | 16.734 | 16.729 | 16.748 | VV | 153    | 1244  | 0.08% | 0.008% |
| 424 | 16.750 | 16.748 | 16.753 | VV | 140    | 352   | 0.02% | 0.002% |
| 425 | 16.758 | 16.753 | 16.773 | VV | 145    | 1257  | 0.08% | 0.008% |
| 426 | 16.797 | 16.773 | 16.819 | VV | 633    | 9587  | 0.58% | 0.062% |
| 427 | 16.832 | 16.819 | 16.855 | VV | 390    | 4778  | 0.29% | 0.031% |
| 428 | 16.880 | 16.855 | 16.902 | VV | 431    | 6694  | 0.40% | 0.043% |
| 429 | 16.927 | 16.902 | 16.965 | VV | 507    | 9108  | 0.55% | 0.059% |
| 430 | 16.967 | 16.965 | 16.984 | VV | 168    | 1205  | 0.07% | 0.008% |
| 431 | 16.998 | 16.984 | 17.013 | VV | 192    | 2144  | 0.13% | 0.014% |
| 432 | 17.019 | 17.013 | 17.026 | VV | 89     | 544   | 0.03% | 0.004% |
| 433 | 17.036 | 17.026 | 17.043 | VV | 111    | 673   | 0.04% | 0.004% |
| 434 | 17.069 | 17.043 | 17.096 | VV | 220    | 4780  | 0.29% | 0.031% |
| 435 | 17.101 | 17.096 | 17.125 | VV | 184    | 1966  | 0.12% | 0.013% |
| 436 | 17.148 | 17.125 | 17.185 | VV | 598    | 8990  | 0.54% | 0.058% |
| 437 | 17.198 | 17.185 | 17.205 | PV | 121    | 997   | 0.06% | 0.006% |
| 438 | 17.218 | 17.205 | 17.222 | VV | 136    | 1061  | 0.06% | 0.007% |
| 439 | 17.265 | 17.222 | 17.291 | VV | 736    | 11724 | 0.71% | 0.076% |
| 440 | 17.313 | 17.291 | 17.342 | VV | 607    | 8041  | 0.49% | 0.052% |
| 441 | 17.350 | 17.342 | 17.364 | VV | 110    | 599   | 0.04% | 0.004% |
| 442 | 17.404 | 17.364 | 17.413 | PV | 139    | 2320  | 0.14% | 0.015% |
| 443 | 17.416 | 17.413 | 17.430 | VV | 101    | 684   | 0.04% | 0.004% |
| 444 | 17.434 | 17.430 | 17.445 | PV | 41     | 343   | 0.02% | 0.002% |
| 445 | 17.466 | 17.445 | 17.478 | VV | 147    | 1554  | 0.09% | 0.010% |
| 446 | 17.494 | 17.478 | 17.502 | VV | 116    | 768   | 0.05% | 0.005% |
| 447 | 17.525 | 17.502 | 17.531 | VV | 109    | 785   | 0.05% | 0.005% |
| 448 | 17.541 | 17.531 | 17.553 | VV | 69     | 479   | 0.03% | 0.003% |
| 449 | 17.558 | 17.553 | 17.563 | PV | 70     | 213   | 0.01% | 0.001% |
| 450 | 17.591 | 17.563 | 17.618 | VV | 3038   | 39466 | 2.38% | 0.256% |
| 451 | 17.624 | 17.618 | 17.627 | VV | 61     | 188   | 0.01% | 0.001% |
| 452 | 17.644 | 17.627 | 17.650 | VV | 111    | 1056  | 0.06% | 0.007% |
| 453 | 17.657 | 17.650 | 17.671 | VV | 119    | 831   | 0.05% | 0.005% |
| 454 | 17.715 | 17.671 | 17.751 | VV | 795    | 11750 | 0.71% | 0.076% |
| 455 | 17.760 | 17.751 | 17.770 | VV | 99     | 313   | 0.02% | 0.002% |
| 456 | 17.799 | 17.770 | 17.820 | PV | 159    | 2542  | 0.15% | 0.016% |
| 457 | 17.854 | 17.820 | 17.860 | VV | 130    | 1932  | 0.12% | 0.013% |
| 458 | 17.865 | 17.860 | 17.872 | VV | 76     | 387   | 0.02% | 0.003% |
| 459 | 17.883 | 17.872 | 17.919 | PV | 88     | 1304  | 0.08% | 0.008% |

|     |        |        |        |    |              |       |       |        |
|-----|--------|--------|--------|----|--------------|-------|-------|--------|
| 460 | 17.924 | 17.919 | 17.928 | VV | rteres<br>71 | 300   | 0.02% | 0.002% |
| 461 | 17.960 | 17.928 | 17.965 | VV | 87           | 1205  | 0.07% | 0.008% |
| 462 | 18.000 | 17.965 | 18.005 | VV | 146          | 1682  | 0.10% | 0.011% |
| 463 | 18.025 | 18.005 | 18.035 | VV | 141          | 1491  | 0.09% | 0.010% |
| 464 | 18.040 | 18.035 | 18.045 | VV | 116          | 336   | 0.02% | 0.002% |
| 465 | 18.051 | 18.045 | 18.057 | VV | 81           | 256   | 0.02% | 0.002% |
| 466 | 18.079 | 18.057 | 18.089 | PV | 83           | 1044  | 0.06% | 0.007% |
| 467 | 18.153 | 18.089 | 18.185 | VV | 930          | 17437 | 1.05% | 0.113% |
| 468 | 18.237 | 18.185 | 18.249 | VV | 118          | 2213  | 0.13% | 0.014% |
| 469 | 18.264 | 18.249 | 18.270 | VV | 71           | 682   | 0.04% | 0.004% |
| 470 | 18.280 | 18.270 | 18.285 | PV | 102          | 525   | 0.03% | 0.003% |
| 471 | 18.290 | 18.285 | 18.296 | VV | 87           | 483   | 0.03% | 0.003% |
| 472 | 18.310 | 18.296 | 18.330 | VV | 127          | 1409  | 0.09% | 0.009% |
| 473 | 18.337 | 18.330 | 18.342 | PV | 73           | 328   | 0.02% | 0.002% |
| 474 | 18.370 | 18.342 | 18.374 | PV | 108          | 1369  | 0.08% | 0.009% |
| 475 | 18.379 | 18.374 | 18.386 | VV | 84           | 508   | 0.03% | 0.003% |
| 476 | 18.392 | 18.386 | 18.396 | VV | 122          | 523   | 0.03% | 0.003% |
| 477 | 18.425 | 18.396 | 18.451 | VV | 158          | 3243  | 0.20% | 0.021% |
| 478 | 18.469 | 18.451 | 18.473 | PV | 185          | 1289  | 0.08% | 0.008% |
| 479 | 18.480 | 18.473 | 18.501 | VV | 237          | 2728  | 0.16% | 0.018% |
| 480 | 18.539 | 18.501 | 18.545 | VV | 208          | 3881  | 0.23% | 0.025% |
| 481 | 18.577 | 18.545 | 18.606 | VV | 946          | 14429 | 0.87% | 0.093% |
| 482 | 18.646 | 18.606 | 18.652 | VV | 122          | 2174  | 0.13% | 0.014% |
| 483 | 18.681 | 18.652 | 18.686 | VV | 204          | 2565  | 0.15% | 0.017% |
| 484 | 18.739 | 18.686 | 18.756 | VV | 60           | 2679  | 0.16% | 0.017% |
| 485 | 18.795 | 18.756 | 18.810 | PV | 160          | 3102  | 0.19% | 0.020% |
| 486 | 18.838 | 18.810 | 18.856 | VV | 164          | 2965  | 0.18% | 0.019% |
| 487 | 18.874 | 18.856 | 18.879 | PV | 116          | 994   | 0.06% | 0.006% |
| 488 | 18.896 | 18.879 | 18.905 | VV | 123          | 1102  | 0.07% | 0.007% |
| 489 | 18.917 | 18.905 | 18.921 | VV | 68           | 388   | 0.02% | 0.003% |
| 490 | 18.928 | 18.921 | 18.932 | VV | 95           | 310   | 0.02% | 0.002% |
| 491 | 18.989 | 18.932 | 19.018 | VV | 990          | 18489 | 1.12% | 0.120% |
| 492 | 19.027 | 19.018 | 19.032 | VV | 118          | 633   | 0.04% | 0.004% |
| 493 | 19.196 | 19.032 | 19.201 | PV | 120          | 10275 | 0.62% | 0.067% |
| 494 | 19.262 | 19.201 | 19.267 | VV | 223          | 4951  | 0.30% | 0.032% |
| 495 | 19.321 | 19.267 | 19.326 | VV | 313          | 8365  | 0.51% | 0.054% |
| 496 | 19.378 | 19.326 | 19.415 | VV | 2745         | 57218 | 3.46% | 0.371% |
| 497 | 19.420 | 19.415 | 19.428 | VV | 346          | 2438  | 0.15% | 0.016% |
| 498 | 19.516 | 19.428 | 19.521 | VV | 522          | 22660 | 1.37% | 0.147% |
| 499 | 19.573 | 19.521 | 19.580 | VV | 677          | 21269 | 1.28% | 0.138% |
| 500 | 19.600 | 19.580 | 19.604 | VV | 718          | 10055 | 0.61% | 0.065% |
| 501 | 19.651 | 19.604 | 19.658 | VV | 835          | 26499 | 1.60% | 0.172% |
| 502 | 19.702 | 19.658 | 19.706 | VV | 882          | 24031 | 1.45% | 0.156% |
| 503 | 19.772 | 19.706 | 19.792 | VV | 1665         | 60066 | 3.63% | 0.389% |
| 504 | 19.843 | 19.792 | 19.850 | VV | 1311         | 41926 | 2.53% | 0.272% |
| 505 | 19.854 | 19.850 | 19.857 | VV | 1231         | 5526  | 0.33% | 0.036% |
| 506 | 19.961 | 19.857 | 19.966 | VV | 1651         | 93168 | 5.63% | 0.603% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 507 | 19.989 | 19.966 | 19.993 | VV | 1692   | 26123  | 1.58%  | 0.169% |
| 508 | 20.069 | 19.993 | 20.074 | VV | 1947   | 87681  | 5.30%  | 0.568% |
| 509 | 20.156 | 20.074 | 20.164 | VV | 2613   | 118184 | 7.14%  | 0.765% |
| 510 | 20.170 | 20.164 | 20.173 | VV | 2486   | 13554  | 0.82%  | 0.088% |
| 511 | 20.177 | 20.173 | 20.180 | VV | 2454   | 10910  | 0.66%  | 0.071% |
| 512 | 20.213 | 20.180 | 20.225 | VV | 2582   | 67955  | 4.10%  | 0.440% |
| 513 | 20.257 | 20.225 | 20.263 | VV | 2827   | 61448  | 3.71%  | 0.398% |
| 514 | 20.515 | 20.263 | 20.526 | VV | 5029   | 590607 | 35.67% | 3.825% |
| 515 | 20.632 | 20.526 | 20.638 | VV | 5188   | 329711 | 19.92% | 2.135% |
| 516 | 20.684 | 20.638 | 20.690 | VV | 6000   | 174091 | 10.52% | 1.128% |
| 517 | 20.797 | 20.690 | 20.808 | VV | 6726   | 455286 | 27.50% | 2.949% |
| 518 | 20.848 | 20.808 | 20.854 | VV | 6753   | 183196 | 11.07% | 1.187% |
| 519 | 20.880 | 20.854 | 20.905 | VV | 6817   | 203379 | 12.28% | 1.317% |
| 520 | 20.914 | 20.905 | 20.918 | VV | 6591   | 52091  | 3.15%  | 0.337% |
| 521 | 20.949 | 20.918 | 20.960 | VV | 6656   | 164629 | 9.94%  | 1.066% |
| 522 | 20.993 | 20.960 | 20.998 | VV | 6596   | 153008 | 9.24%  | 0.991% |
| 523 | 21.033 | 20.998 | 21.038 | VV | 6759   | 159816 | 9.65%  | 1.035% |
| 524 | 21.063 | 21.038 | 21.068 | VV | 6621   | 118307 | 7.15%  | 0.766% |
| 525 | 21.078 | 21.068 | 21.085 | VV | 6568   | 65483  | 3.96%  | 0.424% |
| 526 | 21.090 | 21.085 | 21.095 | VV | 6519   | 39681  | 2.40%  | 0.257% |
| 527 | 21.116 | 21.095 | 21.121 | VV | 6466   | 102047 | 6.16%  | 0.661% |
| 528 | 21.131 | 21.121 | 21.146 | VV | 6389   | 93263  | 5.63%  | 0.604% |
| 529 | 21.156 | 21.146 | 21.161 | VV | 6222   | 55842  | 3.37%  | 0.362% |
| 530 | 21.175 | 21.161 | 21.187 | VV | 6285   | 94866  | 5.73%  | 0.614% |
| 531 | 21.194 | 21.187 | 21.211 | VV | 6075   | 88116  | 5.32%  | 0.571% |
| 532 | 21.215 | 21.211 | 21.224 | VV | 5909   | 44150  | 2.67%  | 0.286% |
| 533 | 21.271 | 21.224 | 21.287 | VV | 6028   | 221352 | 13.37% | 1.434% |
| 534 | 21.291 | 21.287 | 21.300 | VV | 5721   | 44597  | 2.69%  | 0.289% |
| 535 | 21.308 | 21.300 | 21.330 | VV | 5656   | 101140 | 6.11%  | 0.655% |
| 536 | 21.335 | 21.330 | 21.366 | VV | 5564   | 116503 | 7.04%  | 0.755% |
| 537 | 21.373 | 21.366 | 21.396 | VV | 5274   | 95331  | 5.76%  | 0.617% |
| 538 | 21.405 | 21.396 | 21.421 | VV | 5075   | 75350  | 4.55%  | 0.488% |
| 539 | 21.456 | 21.421 | 21.476 | VV | 4869   | 158063 | 9.55%  | 1.024% |
| 540 | 21.481 | 21.476 | 21.528 | VV | 4405   | 126489 | 7.64%  | 0.819% |
| 541 | 21.537 | 21.528 | 21.571 | VV | 3773   | 93331  | 5.64%  | 0.604% |
| 542 | 21.576 | 21.571 | 21.584 | VV | 3416   | 25271  | 1.53%  | 0.164% |
| 543 | 21.596 | 21.584 | 21.632 | VV | 3338   | 90367  | 5.46%  | 0.585% |
| 544 | 21.645 | 21.632 | 21.652 | VV | 2870   | 33753  | 2.04%  | 0.219% |
| 545 | 21.657 | 21.652 | 21.660 | VV | 2832   | 13377  | 0.81%  | 0.087% |
| 546 | 21.664 | 21.660 | 21.671 | VV | 2814   | 19182  | 1.16%  | 0.124% |
| 547 | 21.680 | 21.671 | 21.686 | VV | 2805   | 24885  | 1.50%  | 0.161% |
| 548 | 21.714 | 21.686 | 21.742 | VV | 2878   | 93965  | 5.68%  | 0.609% |
| 549 | 21.780 | 21.742 | 21.798 | VV | 2629   | 86513  | 5.23%  | 0.560% |
| 550 | 21.807 | 21.798 | 21.836 | VV | 2524   | 53571  | 3.24%  | 0.347% |
| 551 | 21.841 | 21.836 | 21.846 | VV | 2286   | 14588  | 0.88%  | 0.094% |
| 552 | 21.876 | 21.846 | 21.885 | VV | 2207   | 51322  | 3.10%  | 0.332% |
| 553 | 21.912 | 21.885 | 21.921 | VV | 2175   | 46525  | 2.81%  | 0.301% |
| 554 | 21.929 | 21.921 | 21.933 | VV | 2095   | 14322  | 0.87%  | 0.093% |

|     |        |        |        |     |                |       |       |        |
|-----|--------|--------|--------|-----|----------------|-------|-------|--------|
| 555 | 21.947 | 21.933 | 21.953 | VV  | rteres<br>2013 | 24004 | 1.45% | 0.155% |
| 556 | 21.956 | 21.953 | 21.965 | VV  | 1989           | 13520 | 0.82% | 0.088% |
| 557 | 21.969 | 21.965 | 21.978 | VV  | 1911           | 15263 | 0.92% | 0.099% |
| 558 | 21.983 | 21.978 | 22.000 | VV  | 1815           | 22477 | 1.36% | 0.146% |
| 559 | 22.018 | 22.000 | 22.028 | VV  | 1742           | 27717 | 1.67% | 0.180% |
| 560 | 22.049 | 22.028 | 22.070 | VV  | 1553           | 38350 | 2.32% | 0.248% |
|     |        |        |        |     |                |       |       |        |
| 561 | 22.080 | 22.070 | 22.111 | VV  | 1418           | 32980 | 1.99% | 0.214% |
| 562 | 22.128 | 22.111 | 22.155 | VV  | 1214           | 29394 | 1.78% | 0.190% |
| 563 | 22.193 | 22.155 | 22.198 | VV  | 1125           | 27217 | 1.64% | 0.176% |
| 564 | 22.202 | 22.198 | 22.208 | VV  | 1030           | 6054  | 0.37% | 0.039% |
| 565 | 22.213 | 22.208 | 22.220 | VV  | 1058           | 6851  | 0.41% | 0.044% |
|     |        |        |        |     |                |       |       |        |
| 566 | 22.222 | 22.220 | 22.236 | VV  | 973            | 8835  | 0.53% | 0.057% |
| 567 | 22.241 | 22.236 | 22.250 | VV  | 808            | 6202  | 0.37% | 0.040% |
| 568 | 22.259 | 22.250 | 22.322 | VV  | 727            | 19001 | 1.15% | 0.123% |
| 569 | 22.328 | 22.322 | 22.333 | VV  | 161            | 612   | 0.04% | 0.004% |
| 570 | 22.339 | 22.333 | 22.351 | PBA | 43             | 12334 | 0.75% | 0.080% |

Sum of corrected areas: 15439599

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