

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016542.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 12:18  
 Sample : Q3011-01  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.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         | 2.030       | 2.000        | 2.058      | BV       | 237            | 3069         | 0.04%          | 0.002%        |
| 2         | 2.064       | 2.058        | 2.075      | PV       | 125            | 383          | 0.00%          | 0.000%        |
| 3         | 2.103       | 2.075        | 2.138      | PV       | 276            | 4252         | 0.05%          | 0.003%        |
| 4         | 2.146       | 2.138        | 2.160      | VV       | 100            | 1075         | 0.01%          | 0.001%        |
| 5         | 2.177       | 2.160        | 2.201      | VV       | 205            | 3029         | 0.04%          | 0.002%        |
| 6         | 2.213       | 2.201        | 2.229      | VV       | 168            | 1562         | 0.02%          | 0.001%        |
| 7         | 2.235       | 2.229        | 2.254      | VV       | 110            | 981          | 0.01%          | 0.001%        |
| 8         | 2.261       | 2.254        | 2.267      | PV       | 105            | 506          | 0.01%          | 0.000%        |
| 9         | 2.296       | 2.267        | 2.355      | VV       | 602            | 13654        | 0.17%          | 0.010%        |
| 10        | 2.382       | 2.355        | 2.424      | VV       | 3797           | 44408        | 0.56%          | 0.034%        |
| 11        | 2.431       | 2.424        | 2.444      | VV       | 237            | 2025         | 0.03%          | 0.002%        |
| 12        | 2.445       | 2.444        | 2.454      | VV       | 167            | 900          | 0.01%          | 0.001%        |
| 13        | 2.461       | 2.454        | 2.483      | VV       | 227            | 3052         | 0.04%          | 0.002%        |
| 14        | 2.488       | 2.483        | 2.504      | VV       | 152            | 1249         | 0.02%          | 0.001%        |
| 15        | 2.514       | 2.504        | 2.536      | VV       | 245            | 3483         | 0.04%          | 0.003%        |
| 16        | 2.539       | 2.536        | 2.546      | VV       | 177            | 818          | 0.01%          | 0.001%        |
| 17        | 2.549       | 2.546        | 2.569      | VV       | 161            | 1759         | 0.02%          | 0.001%        |
| 18        | 2.574       | 2.569        | 2.580      | VV       | 108            | 607          | 0.01%          | 0.000%        |
| 19        | 2.585       | 2.580        | 2.594      | VV       | 143            | 635          | 0.01%          | 0.000%        |
| 20        | 2.622       | 2.594        | 2.633      | VV       | 232            | 2298         | 0.03%          | 0.002%        |
| 21        | 2.638       | 2.633        | 2.665      | VV       | 141            | 1785         | 0.02%          | 0.001%        |
| 22        | 2.689       | 2.665        | 2.712      | VV       | 184            | 3418         | 0.04%          | 0.003%        |
| 23        | 2.715       | 2.712        | 2.722      | VV       | 156            | 667          | 0.01%          | 0.001%        |
| 24        | 2.725       | 2.722        | 2.759      | VV       | 72             | 1921         | 0.02%          | 0.001%        |
| 25        | 2.763       | 2.759        | 2.768      | VV       | 106            | 427          | 0.01%          | 0.000%        |
| 26        | 2.801       | 2.768        | 2.852      | VV       | 249            | 6473         | 0.08%          | 0.005%        |
| 27        | 2.869       | 2.852        | 2.879      | VV       | 192            | 2167         | 0.03%          | 0.002%        |
| 28        | 2.890       | 2.879        | 2.934      | VV       | 217            | 4552         | 0.06%          | 0.003%        |
| 29        | 2.940       | 2.934        | 2.964      | VV       | 184            | 2177         | 0.03%          | 0.002%        |
| 30        | 2.996       | 2.964        | 3.009      | VV       | 450            | 6767         | 0.08%          | 0.005%        |
| 31        | 3.015       | 3.009        | 3.058      | VV       | 414            | 9099         | 0.11%          | 0.007%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 3.066 | 3.058 | 3.094 | VV | 258    | 4483  | 0.06% | 0.003% |
| 33 | 3.118 | 3.094 | 3.204 | VV | 506    | 16787 | 0.21% | 0.013% |
| 34 | 3.234 | 3.204 | 3.274 | VV | 323    | 9778  | 0.12% | 0.007% |
| 35 | 3.297 | 3.274 | 3.336 | VV | 443    | 12381 | 0.15% | 0.009% |
| 36 | 3.386 | 3.336 | 3.394 | VV | 477    | 11914 | 0.15% | 0.009% |
| 37 | 3.402 | 3.394 | 3.426 | VV | 486    | 7877  | 0.10% | 0.006% |
| 38 | 3.436 | 3.426 | 3.459 | VV | 448    | 7595  | 0.09% | 0.006% |
| 39 | 3.556 | 3.459 | 3.564 | VV | 591    | 28825 | 0.36% | 0.022% |
| 40 | 3.605 | 3.564 | 3.623 | VV | 676    | 20689 | 0.26% | 0.016% |
| 41 | 3.636 | 3.623 | 3.671 | VV | 677    | 17974 | 0.22% | 0.014% |
| 42 | 3.755 | 3.671 | 3.817 | VV | 876    | 54369 | 0.68% | 0.041% |
| 43 | 3.832 | 3.817 | 3.896 | VV | 415    | 12781 | 0.16% | 0.010% |
| 44 | 3.920 | 3.896 | 3.962 | VV | 254    | 7620  | 0.10% | 0.006% |
| 45 | 3.971 | 3.962 | 3.996 | VV | 208    | 3604  | 0.05% | 0.003% |
| 46 | 4.002 | 3.996 | 4.059 | VV | 192    | 6300  | 0.08% | 0.005% |
| 47 | 4.077 | 4.059 | 4.101 | VV | 237    | 4525  | 0.06% | 0.003% |
| 48 | 4.106 | 4.101 | 4.152 | VV | 233    | 4800  | 0.06% | 0.004% |
| 49 | 4.188 | 4.152 | 4.222 | VV | 1351   | 23516 | 0.29% | 0.018% |
| 50 | 4.243 | 4.222 | 4.334 | VV | 1534   | 36449 | 0.46% | 0.028% |
| 51 | 4.352 | 4.334 | 4.361 | VV | 312    | 4253  | 0.05% | 0.003% |
| 52 | 4.371 | 4.361 | 4.393 | VV | 370    | 5445  | 0.07% | 0.004% |
| 53 | 4.414 | 4.393 | 4.447 | VV | 671    | 12212 | 0.15% | 0.009% |
| 54 | 4.461 | 4.447 | 4.526 | VV | 354    | 8588  | 0.11% | 0.007% |
| 55 | 4.529 | 4.526 | 4.566 | VV | 178    | 2808  | 0.04% | 0.002% |
| 56 | 4.609 | 4.566 | 4.628 | VV | 259    | 6378  | 0.08% | 0.005% |
| 57 | 4.651 | 4.628 | 4.678 | VV | 414    | 7296  | 0.09% | 0.006% |
| 58 | 4.689 | 4.678 | 4.715 | VV | 297    | 4546  | 0.06% | 0.003% |
| 59 | 4.725 | 4.715 | 4.761 | VV | 189    | 3751  | 0.05% | 0.003% |
| 60 | 4.776 | 4.761 | 4.795 | VV | 211    | 3221  | 0.04% | 0.002% |
| 61 | 4.815 | 4.795 | 4.862 | VV | 856    | 13131 | 0.16% | 0.010% |
| 62 | 4.884 | 4.862 | 4.921 | VV | 315    | 7978  | 0.10% | 0.006% |
| 63 | 4.939 | 4.921 | 4.956 | VV | 236    | 3707  | 0.05% | 0.003% |
| 64 | 4.967 | 4.956 | 4.981 | VV | 218    | 2476  | 0.03% | 0.002% |
| 65 | 5.023 | 4.981 | 5.044 | VV | 373    | 7500  | 0.09% | 0.006% |
| 66 | 5.063 | 5.044 | 5.092 | VV | 272    | 7070  | 0.09% | 0.005% |
| 67 | 5.175 | 5.092 | 5.256 | VV | 618    | 34359 | 0.43% | 0.026% |
| 68 | 5.285 | 5.256 | 5.297 | VV | 209    | 4197  | 0.05% | 0.003% |
| 69 | 5.310 | 5.297 | 5.347 | VV | 318    | 6204  | 0.08% | 0.005% |
| 70 | 5.366 | 5.347 | 5.396 | VV | 486    | 8474  | 0.11% | 0.006% |
| 71 | 5.408 | 5.396 | 5.430 | VV | 309    | 4457  | 0.06% | 0.003% |
| 72 | 5.453 | 5.430 | 5.460 | VV | 322    | 4021  | 0.05% | 0.003% |
| 73 | 5.474 | 5.460 | 5.524 | VV | 369    | 6531  | 0.08% | 0.005% |
| 74 | 5.539 | 5.524 | 5.573 | PV | 147    | 2292  | 0.03% | 0.002% |
| 75 | 5.599 | 5.573 | 5.622 | VV | 1321   | 16218 | 0.20% | 0.012% |
| 76 | 5.634 | 5.622 | 5.713 | VV | 301    | 7322  | 0.09% | 0.006% |
| 77 | 5.734 | 5.713 | 5.745 | PV | 114    | 1668  | 0.02% | 0.001% |
| 78 | 5.757 | 5.745 | 5.773 | VV | 98     | 1401  | 0.02% | 0.001% |
| 79 | 5.795 | 5.773 | 5.809 | VV | 366    | 4750  | 0.06% | 0.004% |

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|-----|-------|-------|-------|----|------|-------|-------|--------|
| 80  | 5.829 | 5.809 | 5.853 | VV | 1653 | 22093 | 0.28% | 0.017% |
| 81  | 5.866 | 5.853 | 5.879 | VV | 539  | 6753  | 0.08% | 0.005% |
| 82  | 5.896 | 5.879 | 5.969 | VV | 1506 | 35055 | 0.44% | 0.027% |
| 83  | 5.984 | 5.969 | 6.018 | VV | 510  | 10897 | 0.14% | 0.008% |
| 84  | 6.054 | 6.018 | 6.077 | VV | 458  | 12079 | 0.15% | 0.009% |
| 85  | 6.108 | 6.077 | 6.133 | VV | 413  | 9765  | 0.12% | 0.007% |
| 86  | 6.158 | 6.133 | 6.200 | VV | 352  | 9100  | 0.11% | 0.007% |
| 87  | 6.228 | 6.200 | 6.250 | VV | 242  | 5061  | 0.06% | 0.004% |
| 88  | 6.277 | 6.250 | 6.299 | VV | 253  | 4745  | 0.06% | 0.004% |
| 89  | 6.310 | 6.299 | 6.322 | VV | 270  | 3120  | 0.04% | 0.002% |
| 90  | 6.332 | 6.322 | 6.350 | VV | 315  | 4583  | 0.06% | 0.003% |
| 91  | 6.378 | 6.350 | 6.437 | VV | 847  | 22135 | 0.28% | 0.017% |
| 92  | 6.443 | 6.437 | 6.506 | VV | 251  | 7941  | 0.10% | 0.006% |
| 93  | 6.542 | 6.506 | 6.591 | VV | 631  | 13897 | 0.17% | 0.011% |
| 94  | 6.613 | 6.591 | 6.639 | VV | 194  | 3960  | 0.05% | 0.003% |
| 95  | 6.671 | 6.639 | 6.706 | VV | 1510 | 22848 | 0.29% | 0.017% |
| 96  | 6.718 | 6.706 | 6.744 | VV | 386  | 7629  | 0.10% | 0.006% |
| 97  | 6.762 | 6.744 | 6.808 | VV | 444  | 10302 | 0.13% | 0.008% |
| 98  | 6.833 | 6.808 | 6.878 | VV | 418  | 7733  | 0.10% | 0.006% |
| 99  | 6.910 | 6.878 | 6.948 | PV | 1104 | 16376 | 0.20% | 0.012% |
| 100 | 6.958 | 6.948 | 6.970 | VV | 216  | 2602  | 0.03% | 0.002% |
| 101 | 6.987 | 6.970 | 7.019 | VV | 360  | 6399  | 0.08% | 0.005% |
| 102 | 7.039 | 7.019 | 7.054 | VV | 264  | 4089  | 0.05% | 0.003% |
| 103 | 7.064 | 7.054 | 7.077 | VV | 196  | 2212  | 0.03% | 0.002% |
| 104 | 7.116 | 7.077 | 7.148 | VV | 278  | 6631  | 0.08% | 0.005% |
| 105 | 7.166 | 7.148 | 7.201 | VV | 144  | 2727  | 0.03% | 0.002% |
| 106 | 7.244 | 7.201 | 7.270 | PV | 305  | 4600  | 0.06% | 0.003% |
| 107 | 7.293 | 7.270 | 7.307 | VV | 128  | 1951  | 0.02% | 0.001% |
| 108 | 7.330 | 7.307 | 7.357 | VV | 636  | 11856 | 0.15% | 0.009% |
| 109 | 7.375 | 7.357 | 7.396 | VV | 461  | 8013  | 0.10% | 0.006% |
| 110 | 7.409 | 7.396 | 7.443 | VV | 326  | 6418  | 0.08% | 0.005% |
| 111 | 7.479 | 7.443 | 7.537 | VV | 513  | 14452 | 0.18% | 0.011% |
| 112 | 7.560 | 7.537 | 7.587 | VV | 549  | 9153  | 0.11% | 0.007% |
| 113 | 7.618 | 7.587 | 7.642 | VV | 561  | 11445 | 0.14% | 0.009% |
| 114 | 7.656 | 7.642 | 7.704 | VV | 470  | 11245 | 0.14% | 0.009% |
| 115 | 7.811 | 7.704 | 7.899 | VV | 1347 | 53723 | 0.67% | 0.041% |
| 116 | 7.910 | 7.899 | 7.932 | VV | 301  | 3869  | 0.05% | 0.003% |
| 117 | 7.964 | 7.932 | 7.997 | VV | 344  | 7806  | 0.10% | 0.006% |
| 118 | 8.018 | 7.997 | 8.045 | VV | 257  | 3636  | 0.05% | 0.003% |
| 119 | 8.078 | 8.045 | 8.117 | PV | 835  | 11016 | 0.14% | 0.008% |
| 120 | 8.135 | 8.117 | 8.153 | VV | 187  | 1898  | 0.02% | 0.001% |
| 121 | 8.175 | 8.153 | 8.188 | PV | 158  | 1797  | 0.02% | 0.001% |
| 122 | 8.221 | 8.188 | 8.232 | VV | 658  | 11164 | 0.14% | 0.008% |
| 123 | 8.249 | 8.232 | 8.296 | VV | 1173 | 19558 | 0.24% | 0.015% |
| 124 | 8.312 | 8.296 | 8.346 | VV | 232  | 4338  | 0.05% | 0.003% |
| 125 | 8.365 | 8.346 | 8.383 | PV | 231  | 3676  | 0.05% | 0.003% |
| 126 | 8.404 | 8.383 | 8.466 | VV | 583  | 12583 | 0.16% | 0.010% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 127 | 8.495  | 8.466  | 8.536  | VV | 693    | 14504  | 0.18%  | 0.011% |
| 128 | 8.567  | 8.536  | 8.587  | VV | 643    | 12450  | 0.16%  | 0.009% |
| 129 | 8.602  | 8.587  | 8.622  | VV | 568    | 8762   | 0.11%  | 0.007% |
| 130 | 8.673  | 8.622  | 8.732  | VV | 1185   | 40040  | 0.50%  | 0.030% |
| 131 | 8.790  | 8.732  | 8.831  | VV | 2732   | 49290  | 0.62%  | 0.037% |
| 132 | 8.839  | 8.831  | 8.855  | VV | 554    | 6548   | 0.08%  | 0.005% |
| 133 | 8.867  | 8.855  | 8.884  | VV | 394    | 5176   | 0.06%  | 0.004% |
| 134 | 8.905  | 8.884  | 8.941  | VV | 603    | 11867  | 0.15%  | 0.009% |
| 135 | 8.975  | 8.941  | 9.028  | VV | 826    | 30268  | 0.38%  | 0.023% |
| 136 | 9.046  | 9.028  | 9.067  | VV | 837    | 15286  | 0.19%  | 0.012% |
| 137 | 9.089  | 9.067  | 9.107  | VV | 648    | 14225  | 0.18%  | 0.011% |
| 138 | 9.114  | 9.107  | 9.132  | VV | 577    | 8048   | 0.10%  | 0.006% |
| 139 | 9.153  | 9.132  | 9.194  | VV | 908    | 25005  | 0.31%  | 0.019% |
| 140 | 9.217  | 9.194  | 9.242  | VV | 1156   | 20504  | 0.26%  | 0.016% |
| 141 | 9.291  | 9.242  | 9.317  | VV | 1457   | 29145  | 0.36%  | 0.022% |
| 142 | 9.330  | 9.317  | 9.352  | VV | 582    | 9840   | 0.12%  | 0.007% |
| 143 | 9.368  | 9.352  | 9.386  | VV | 551    | 8946   | 0.11%  | 0.007% |
| 144 | 9.408  | 9.386  | 9.473  | VV | 1206   | 35171  | 0.44%  | 0.027% |
| 145 | 9.507  | 9.473  | 9.532  | VV | 1620   | 27136  | 0.34%  | 0.021% |
| 146 | 9.545  | 9.532  | 9.586  | VV | 673    | 14456  | 0.18%  | 0.011% |
| 147 | 9.603  | 9.586  | 9.627  | VV | 346    | 6192   | 0.08%  | 0.005% |
| 148 | 9.662  | 9.627  | 9.677  | PV | 525    | 7952   | 0.10%  | 0.006% |
| 149 | 9.695  | 9.677  | 9.727  | VV | 475    | 9050   | 0.11%  | 0.007% |
| 150 | 9.747  | 9.727  | 9.774  | VV | 645    | 9699   | 0.12%  | 0.007% |
| 151 | 9.798  | 9.774  | 9.818  | VV | 549    | 9066   | 0.11%  | 0.007% |
| 152 | 9.842  | 9.818  | 9.869  | VV | 1810   | 29455  | 0.37%  | 0.022% |
| 153 | 9.890  | 9.869  | 9.923  | VV | 1086   | 23837  | 0.30%  | 0.018% |
| 154 | 9.964  | 9.923  | 9.996  | VV | 763    | 21534  | 0.27%  | 0.016% |
| 155 | 10.031 | 9.996  | 10.059 | VV | 556    | 15696  | 0.20%  | 0.012% |
| 156 | 10.070 | 10.059 | 10.097 | VV | 355    | 6871   | 0.09%  | 0.005% |
| 157 | 10.128 | 10.097 | 10.139 | VV | 896    | 13642  | 0.17%  | 0.010% |
| 158 | 10.165 | 10.139 | 10.274 | VV | 60737  | 977875 | 12.23% | 0.740% |
| 159 | 10.293 | 10.274 | 10.322 | VV | 2439   | 46018  | 0.58%  | 0.035% |
| 160 | 10.334 | 10.322 | 10.366 | VV | 1051   | 19865  | 0.25%  | 0.015% |
| 161 | 10.399 | 10.366 | 10.435 | VV | 775    | 19515  | 0.24%  | 0.015% |
| 162 | 10.471 | 10.435 | 10.515 | VV | 394    | 9825   | 0.12%  | 0.007% |
| 163 | 10.521 | 10.515 | 10.556 | VV | 160    | 2216   | 0.03%  | 0.002% |
| 164 | 10.600 | 10.556 | 10.613 | PV | 530    | 8914   | 0.11%  | 0.007% |
| 165 | 10.642 | 10.613 | 10.672 | VV | 16570  | 202621 | 2.53%  | 0.153% |
| 166 | 10.684 | 10.672 | 10.711 | VV | 1658   | 26275  | 0.33%  | 0.020% |
| 167 | 10.737 | 10.711 | 10.764 | VV | 2721   | 43120  | 0.54%  | 0.033% |
| 168 | 10.776 | 10.764 | 10.802 | VV | 683    | 9763   | 0.12%  | 0.007% |
| 169 | 10.821 | 10.802 | 10.866 | PV | 654    | 11385  | 0.14%  | 0.009% |
| 170 | 10.902 | 10.866 | 10.929 | VV | 741    | 15037  | 0.19%  | 0.011% |
| 171 | 10.948 | 10.929 | 10.974 | VV | 881    | 16071  | 0.20%  | 0.012% |
| 172 | 10.994 | 10.974 | 11.022 | VV | 1356   | 23514  | 0.29%  | 0.018% |
| 173 | 11.038 | 11.022 | 11.051 | VV | 1912   | 23315  | 0.29%  | 0.018% |
| 174 | 11.065 | 11.051 | 11.087 | VV | 1878   | 26710  | 0.33%  | 0.020% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 11.111 | 11.087 | 11.152 | VV | 1797   | 35350   | 0.44%  | 0.027% |
| 176 | 11.171 | 11.152 | 11.204 | VV | 1399   | 25360   | 0.32%  | 0.019% |
| 177 | 11.220 | 11.204 | 11.246 | VV | 448    | 8697    | 0.11%  | 0.007% |
| 178 | 11.264 | 11.246 | 11.278 | VV | 951    | 12351   | 0.15%  | 0.009% |
| 179 | 11.316 | 11.278 | 11.355 | VV | 10660  | 206480  | 2.58%  | 0.156% |
| 180 | 11.378 | 11.355 | 11.452 | VV | 2688   | 59865   | 0.75%  | 0.045% |
| 181 | 11.472 | 11.452 | 11.534 | VV | 478    | 13031   | 0.16%  | 0.010% |
| 182 | 11.552 | 11.534 | 11.571 | PV | 447    | 5689    | 0.07%  | 0.004% |
| 183 | 11.604 | 11.571 | 11.639 | VV | 1133   | 19342   | 0.24%  | 0.015% |
| 184 | 11.717 | 11.639 | 11.731 | VV | 1218   | 32973   | 0.41%  | 0.025% |
| 185 | 11.767 | 11.731 | 11.797 | VV | 5790   | 100669  | 1.26%  | 0.076% |
| 186 | 11.823 | 11.797 | 11.886 | VV | 5655   | 117467  | 1.47%  | 0.089% |
| 187 | 11.909 | 11.886 | 11.925 | VV | 899    | 13897   | 0.17%  | 0.011% |
| 188 | 11.943 | 11.925 | 11.976 | VV | 1597   | 21180   | 0.26%  | 0.016% |
| 189 | 12.009 | 11.976 | 12.048 | VV | 5163   | 79310   | 0.99%  | 0.060% |
| 190 | 12.070 | 12.048 | 12.088 | VV | 766    | 15225   | 0.19%  | 0.012% |
| 191 | 12.111 | 12.088 | 12.126 | VV | 2317   | 29299   | 0.37%  | 0.022% |
| 192 | 12.144 | 12.126 | 12.161 | VV | 2871   | 38974   | 0.49%  | 0.030% |
| 193 | 12.170 | 12.161 | 12.196 | VV | 2064   | 28647   | 0.36%  | 0.022% |
| 194 | 12.230 | 12.196 | 12.245 | VV | 2092   | 37105   | 0.46%  | 0.028% |
| 195 | 12.261 | 12.245 | 12.274 | VV | 2023   | 26836   | 0.34%  | 0.020% |
| 196 | 12.294 | 12.274 | 12.336 | VV | 2605   | 45805   | 0.57%  | 0.035% |
| 197 | 12.365 | 12.336 | 12.382 | VV | 481    | 7148    | 0.09%  | 0.005% |
| 198 | 12.440 | 12.382 | 12.461 | VV | 2729   | 69113   | 0.86%  | 0.052% |
| 199 | 12.478 | 12.461 | 12.496 | VV | 2177   | 33925   | 0.42%  | 0.026% |
| 200 | 12.521 | 12.496 | 12.563 | VV | 11582  | 200976  | 2.51%  | 0.152% |
| 201 | 12.585 | 12.563 | 12.626 | VV | 8376   | 141116  | 1.76%  | 0.107% |
| 202 | 12.636 | 12.626 | 12.651 | VV | 1352   | 18913   | 0.24%  | 0.014% |
| 203 | 12.683 | 12.651 | 12.746 | VV | 131368 | 1731477 | 21.65% | 1.311% |
| 204 | 12.757 | 12.746 | 12.776 | VV | 2816   | 40989   | 0.51%  | 0.031% |
| 205 | 12.790 | 12.776 | 12.826 | VV | 2077   | 51127   | 0.64%  | 0.039% |
| 206 | 12.840 | 12.826 | 12.881 | VV | 1518   | 38945   | 0.49%  | 0.029% |
| 207 | 12.926 | 12.881 | 12.944 | VV | 1921   | 52517   | 0.66%  | 0.040% |
| 208 | 12.972 | 12.944 | 12.996 | VV | 2819   | 62828   | 0.79%  | 0.048% |
| 209 | 13.018 | 12.996 | 13.041 | VV | 3422   | 64597   | 0.81%  | 0.049% |
| 210 | 13.067 | 13.041 | 13.111 | VV | 4270   | 95231   | 1.19%  | 0.072% |
| 211 | 13.137 | 13.111 | 13.193 | VV | 23982  | 356948  | 4.46%  | 0.270% |
| 212 | 13.212 | 13.193 | 13.254 | VV | 826    | 21535   | 0.27%  | 0.016% |
| 213 | 13.278 | 13.254 | 13.296 | VV | 1711   | 23969   | 0.30%  | 0.018% |
| 214 | 13.313 | 13.296 | 13.340 | VV | 2127   | 43936   | 0.55%  | 0.033% |
| 215 | 13.347 | 13.340 | 13.369 | VV | 1173   | 15467   | 0.19%  | 0.012% |
| 216 | 13.382 | 13.369 | 13.407 | VV | 561    | 8033    | 0.10%  | 0.006% |
| 217 | 13.438 | 13.407 | 13.459 | VV | 19756  | 226668  | 2.83%  | 0.172% |
| 218 | 13.475 | 13.459 | 13.512 | VV | 5649   | 97617   | 1.22%  | 0.074% |
| 219 | 13.526 | 13.512 | 13.547 | VV | 1402   | 14993   | 0.19%  | 0.011% |
| 220 | 13.574 | 13.547 | 13.585 | PV | 474    | 6603    | 0.08%  | 0.005% |
| 221 | 13.629 | 13.585 | 13.659 | VV | 1298   | 33022   | 0.41%  | 0.025% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 13.706 | 13.659 | 13.732 | PV | 3158   | 82028   | 1.03%  | 0.062% |
| 223 | 13.760 | 13.732 | 13.771 | VV | 6291   | 107220  | 1.34%  | 0.081% |
| 224 | 13.779 | 13.771 | 13.824 | VV | 6553   | 111988  | 1.40%  | 0.085% |
| 225 | 13.860 | 13.824 | 13.871 | VV | 1266   | 34390   | 0.43%  | 0.026% |
| 226 | 13.916 | 13.871 | 13.994 | VV | 17295  | 301952  | 3.78%  | 0.229% |
| 227 | 14.032 | 13.994 | 14.061 | VV | 4562   | 97569   | 1.22%  | 0.074% |
| 228 | 14.106 | 14.061 | 14.113 | VV | 1431   | 38859   | 0.49%  | 0.029% |
| 229 | 14.140 | 14.113 | 14.162 | VV | 3122   | 61993   | 0.78%  | 0.047% |
| 230 | 14.180 | 14.162 | 14.202 | VV | 3555   | 60924   | 0.76%  | 0.046% |
| 231 | 14.226 | 14.202 | 14.249 | VV | 4671   | 81821   | 1.02%  | 0.062% |
| 232 | 14.275 | 14.249 | 14.292 | VV | 4816   | 82390   | 1.03%  | 0.062% |
| 233 | 14.312 | 14.292 | 14.337 | VV | 4091   | 81600   | 1.02%  | 0.062% |
| 234 | 14.352 | 14.337 | 14.370 | VV | 2926   | 45272   | 0.57%  | 0.034% |
| 235 | 14.405 | 14.370 | 14.456 | VV | 13573  | 217197  | 2.72%  | 0.164% |
| 236 | 14.503 | 14.456 | 14.551 | VV | 1822   | 58249   | 0.73%  | 0.044% |
| 237 | 14.574 | 14.551 | 14.594 | VV | 519    | 11096   | 0.14%  | 0.008% |
| 238 | 14.672 | 14.594 | 14.727 | VV | 4776   | 112043  | 1.40%  | 0.085% |
| 239 | 14.774 | 14.727 | 14.817 | VV | 2815   | 65682   | 0.82%  | 0.050% |
| 240 | 14.843 | 14.817 | 14.891 | VV | 6375   | 100428  | 1.26%  | 0.076% |
| 241 | 14.906 | 14.891 | 14.925 | VV | 1252   | 17405   | 0.22%  | 0.013% |
| 242 | 14.951 | 14.925 | 14.996 | VV | 2307   | 43808   | 0.55%  | 0.033% |
| 243 | 15.018 | 14.996 | 15.044 | PV | 2960   | 37173   | 0.46%  | 0.028% |
| 244 | 15.079 | 15.044 | 15.114 | VV | 2011   | 44775   | 0.56%  | 0.034% |
| 245 | 15.136 | 15.114 | 15.149 | PV | 1034   | 14591   | 0.18%  | 0.011% |
| 246 | 15.181 | 15.149 | 15.218 | VV | 91713  | 1248588 | 15.61% | 0.945% |
| 247 | 15.233 | 15.218 | 15.261 | VV | 1641   | 24875   | 0.31%  | 0.019% |
| 248 | 15.287 | 15.261 | 15.309 | PV | 1937   | 29176   | 0.36%  | 0.022% |
| 249 | 15.334 | 15.309 | 15.356 | VV | 11870  | 174023  | 2.18%  | 0.132% |
| 250 | 15.376 | 15.356 | 15.409 | VV | 16133  | 277452  | 3.47%  | 0.210% |
| 251 | 15.432 | 15.409 | 15.457 | VV | 3732   | 78382   | 0.98%  | 0.059% |
| 252 | 15.496 | 15.457 | 15.516 | VV | 4941   | 114763  | 1.43%  | 0.087% |
| 253 | 15.528 | 15.516 | 15.564 | VV | 3838   | 98501   | 1.23%  | 0.075% |
| 254 | 15.586 | 15.564 | 15.619 | VV | 4072   | 119739  | 1.50%  | 0.091% |
| 255 | 15.643 | 15.619 | 15.664 | VV | 5050   | 115331  | 1.44%  | 0.087% |
| 256 | 15.723 | 15.664 | 15.739 | VV | 4993   | 208145  | 2.60%  | 0.158% |
| 257 | 15.771 | 15.739 | 15.853 | VV | 60330  | 1183392 | 14.80% | 0.896% |
| 258 | 15.911 | 15.853 | 15.952 | VV | 11703  | 389746  | 4.87%  | 0.295% |
| 259 | 15.991 | 15.952 | 16.036 | VV | 7641   | 269133  | 3.37%  | 0.204% |
| 260 | 16.050 | 16.036 | 16.084 | VV | 3852   | 85075   | 1.06%  | 0.064% |
| 261 | 16.091 | 16.084 | 16.107 | VV | 1800   | 19534   | 0.24%  | 0.015% |
| 262 | 16.143 | 16.107 | 16.158 | VV | 2452   | 56254   | 0.70%  | 0.043% |
| 263 | 16.179 | 16.158 | 16.209 | VV | 2760   | 54574   | 0.68%  | 0.041% |
| 264 | 16.234 | 16.209 | 16.265 | VV | 2145   | 45892   | 0.57%  | 0.035% |
| 265 | 16.293 | 16.265 | 16.319 | VV | 3431   | 54338   | 0.68%  | 0.041% |
| 266 | 16.338 | 16.319 | 16.362 | VV | 1459   | 24787   | 0.31%  | 0.019% |
| 267 | 16.382 | 16.362 | 16.392 | VV | 1547   | 20037   | 0.25%  | 0.015% |
| 268 | 16.414 | 16.392 | 16.441 | VV | 7555   | 100065  | 1.25%  | 0.076% |
| 269 | 16.479 | 16.441 | 16.499 | PV | 3028   | 58562   | 0.73%  | 0.044% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 16.517 | 16.499 | 16.537 | VV | rteres<br>1784 | 29447   | 0.37%  | 0.022% |
| 271 | 16.562 | 16.537 | 16.574 | VV | 717            | 11225   | 0.14%  | 0.008% |
| 272 | 16.608 | 16.574 | 16.620 | PV | 2452           | 43131   | 0.54%  | 0.033% |
| 273 | 16.651 | 16.620 | 16.671 | VV | 2010           | 46753   | 0.58%  | 0.035% |
| 274 | 16.722 | 16.671 | 16.745 | VV | 7611           | 138299  | 1.73%  | 0.105% |
| 275 | 16.794 | 16.745 | 16.829 | VV | 21017          | 437750  | 5.47%  | 0.331% |
| 276 | 16.838 | 16.829 | 16.851 | VV | 4208           | 43451   | 0.54%  | 0.033% |
| 277 | 16.903 | 16.851 | 16.958 | VV | 24247          | 510872  | 6.39%  | 0.387% |
| 278 | 16.984 | 16.958 | 17.007 | VV | 7345           | 129527  | 1.62%  | 0.098% |
| 279 | 17.037 | 17.007 | 17.062 | VV | 9738           | 157136  | 1.96%  | 0.119% |
| 280 | 17.103 | 17.062 | 17.139 | VV | 2260           | 69403   | 0.87%  | 0.053% |
| 281 | 17.173 | 17.139 | 17.194 | PV | 4902           | 95225   | 1.19%  | 0.072% |
| 282 | 17.226 | 17.194 | 17.255 | VV | 10249          | 185085  | 2.31%  | 0.140% |
| 283 | 17.285 | 17.255 | 17.317 | VV | 12059          | 200965  | 2.51%  | 0.152% |
| 284 | 17.373 | 17.317 | 17.396 | VV | 9135           | 175981  | 2.20%  | 0.133% |
| 285 | 17.421 | 17.396 | 17.433 | VV | 19807          | 276969  | 3.46%  | 0.210% |
| 286 | 17.449 | 17.433 | 17.481 | VV | 24133          | 365337  | 4.57%  | 0.277% |
| 287 | 17.503 | 17.481 | 17.527 | VV | 4350           | 88807   | 1.11%  | 0.067% |
| 288 | 17.559 | 17.527 | 17.574 | VV | 5083           | 112780  | 1.41%  | 0.085% |
| 289 | 17.590 | 17.574 | 17.597 | VV | 6121           | 67300   | 0.84%  | 0.051% |
| 290 | 17.648 | 17.597 | 17.663 | VV | 8397           | 271787  | 3.40%  | 0.206% |
| 291 | 17.673 | 17.663 | 17.693 | VV | 7604           | 111268  | 1.39%  | 0.084% |
| 292 | 17.740 | 17.693 | 17.800 | VV | 48200          | 1059352 | 13.25% | 0.802% |
| 293 | 17.823 | 17.800 | 17.856 | VV | 22747          | 396385  | 4.96%  | 0.300% |
| 294 | 17.866 | 17.856 | 17.881 | VV | 5757           | 65648   | 0.82%  | 0.050% |
| 295 | 17.903 | 17.881 | 17.929 | VV | 9651           | 192124  | 2.40%  | 0.145% |
| 296 | 17.948 | 17.929 | 17.977 | VV | 8657           | 171406  | 2.14%  | 0.130% |
| 297 | 18.009 | 17.977 | 18.024 | VV | 11884          | 197386  | 2.47%  | 0.149% |
| 298 | 18.056 | 18.024 | 18.071 | VV | 11340          | 238281  | 2.98%  | 0.180% |
| 299 | 18.083 | 18.071 | 18.091 | VV | 10160          | 119814  | 1.50%  | 0.091% |
| 300 | 18.112 | 18.091 | 18.125 | VV | 15760          | 225886  | 2.82%  | 0.171% |
| 301 | 18.175 | 18.125 | 18.196 | VV | 16571          | 554078  | 6.93%  | 0.420% |
| 302 | 18.221 | 18.196 | 18.241 | VV | 14455          | 347788  | 4.35%  | 0.263% |
| 303 | 18.275 | 18.241 | 18.282 | VV | 19389          | 406649  | 5.08%  | 0.308% |
| 304 | 18.294 | 18.282 | 18.308 | VV | 18248          | 252288  | 3.15%  | 0.191% |
| 305 | 18.359 | 18.308 | 18.408 | VV | 25096          | 921026  | 11.52% | 0.697% |
| 306 | 18.432 | 18.408 | 18.443 | VV | 13610          | 237561  | 2.97%  | 0.180% |
| 307 | 18.456 | 18.443 | 18.483 | VV | 11518          | 235110  | 2.94%  | 0.178% |
| 308 | 18.503 | 18.483 | 18.537 | VV | 15898          | 376174  | 4.70%  | 0.285% |
| 309 | 18.549 | 18.537 | 18.559 | VV | 13127          | 133046  | 1.66%  | 0.101% |
| 310 | 18.591 | 18.559 | 18.601 | VV | 20840          | 394149  | 4.93%  | 0.298% |
| 311 | 18.630 | 18.601 | 18.651 | VV | 51203          | 977811  | 12.23% | 0.740% |
| 312 | 18.661 | 18.651 | 18.672 | VV | 29264          | 338813  | 4.24%  | 0.257% |
| 313 | 18.694 | 18.672 | 18.742 | VV | 35493          | 991587  | 12.40% | 0.751% |
| 314 | 18.755 | 18.742 | 18.766 | VV | 17415          | 241026  | 3.01%  | 0.183% |
| 315 | 18.796 | 18.766 | 18.831 | VV | 29297          | 796658  | 9.96%  | 0.603% |
| 316 | 18.842 | 18.831 | 18.854 | VV | 22852          | 258381  | 3.23%  | 0.196% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 317 | 18.868 | 18.854 | 18.876 | VV | 18073  | 211604  | 2.65%   | 0.160% |
| 318 | 18.933 | 18.876 | 18.951 | VV | 28302  | 888255  | 11.11%  | 0.673% |
| 319 | 18.999 | 18.951 | 19.010 | VV | 22867  | 725328  | 9.07%   | 0.549% |
| 320 | 19.065 | 19.010 | 19.073 | VV | 39008  | 1073649 | 13.42%  | 0.813% |
| 321 | 19.099 | 19.073 | 19.117 | VV | 40082  | 961768  | 12.03%  | 0.728% |
| 322 | 19.125 | 19.117 | 19.176 | VV | 31972  | 961331  | 12.02%  | 0.728% |
| 323 | 19.209 | 19.176 | 19.256 | VV | 44834  | 1666290 | 20.83%  | 1.262% |
| 324 | 19.267 | 19.256 | 19.280 | VV | 33514  | 404861  | 5.06%   | 0.307% |
| 325 | 19.310 | 19.280 | 19.342 | VV | 33085  | 1067737 | 13.35%  | 0.809% |
| 326 | 19.470 | 19.342 | 19.509 | VV | 75157  | 4302856 | 53.80%  | 3.258% |
| 327 | 19.520 | 19.509 | 19.546 | VV | 55044  | 1041141 | 13.02%  | 0.788% |
| 328 | 19.581 | 19.546 | 19.601 | VV | 44605  | 1360222 | 17.01%  | 1.030% |
| 329 | 19.609 | 19.601 | 19.647 | VV | 43190  | 1101979 | 13.78%  | 0.834% |
| 330 | 19.652 | 19.647 | 19.706 | VV | 36416  | 1210236 | 15.13%  | 0.916% |
| 331 | 19.728 | 19.706 | 19.740 | VV | 44318  | 818934  | 10.24%  | 0.620% |
| 332 | 19.760 | 19.740 | 19.769 | VV | 45229  | 734573  | 9.18%   | 0.556% |
| 333 | 19.796 | 19.769 | 19.819 | VV | 50136  | 1327003 | 16.59%  | 1.005% |
| 334 | 19.828 | 19.819 | 19.843 | VV | 46276  | 626666  | 7.84%   | 0.475% |
| 335 | 19.908 | 19.843 | 19.929 | VV | 57624  | 2486016 | 31.08%  | 1.883% |
| 336 | 19.939 | 19.929 | 19.952 | VV | 62842  | 762648  | 9.54%   | 0.578% |
| 337 | 19.968 | 19.952 | 19.981 | VV | 61148  | 950140  | 11.88%  | 0.719% |
| 338 | 19.994 | 19.981 | 20.029 | VV | 65509  | 1666639 | 20.84%  | 1.262% |
| 339 | 20.040 | 20.029 | 20.052 | VV | 56022  | 687392  | 8.59%   | 0.521% |
| 340 | 20.102 | 20.052 | 20.122 | VV | 61796  | 2257326 | 28.22%  | 1.709% |
| 341 | 20.136 | 20.122 | 20.147 | VV | 62159  | 868193  | 10.86%  | 0.657% |
| 342 | 20.168 | 20.147 | 20.196 | VV | 74356  | 2048297 | 25.61%  | 1.551% |
| 343 | 20.202 | 20.196 | 20.221 | VV | 82472  | 1109544 | 13.87%  | 0.840% |
| 344 | 20.250 | 20.221 | 20.312 | VV | 85569  | 4126600 | 51.60%  | 3.125% |
| 345 | 20.339 | 20.312 | 20.352 | VV | 72630  | 1533569 | 19.17%  | 1.161% |
| 346 | 20.360 | 20.352 | 20.376 | VV | 67836  | 913735  | 11.42%  | 0.692% |
| 347 | 20.429 | 20.376 | 20.437 | VV | 74424  | 2472774 | 30.92%  | 1.872% |
| 348 | 20.489 | 20.437 | 20.507 | VV | 87857  | 3247409 | 40.60%  | 2.459% |
| 349 | 20.527 | 20.507 | 20.547 | VV | 87146  | 1963725 | 24.55%  | 1.487% |
| 350 | 20.582 | 20.547 | 20.594 | VV | 92652  | 2388468 | 29.86%  | 1.809% |
| 351 | 20.601 | 20.594 | 20.609 | VV | 86772  | 760350  | 9.51%   | 0.576% |
| 352 | 20.623 | 20.609 | 20.656 | VV | 90477  | 2285902 | 28.58%  | 1.731% |
| 353 | 20.685 | 20.656 | 20.717 | VV | 86677  | 2852210 | 35.66%  | 2.160% |
| 354 | 20.734 | 20.717 | 20.771 | VV | 79739  | 2418741 | 30.24%  | 1.832% |
| 355 | 20.812 | 20.771 | 20.832 | VV | 92562  | 3031800 | 37.91%  | 2.296% |
| 356 | 20.887 | 20.832 | 20.909 | VV | 88274  | 3558355 | 44.49%  | 2.695% |
| 357 | 20.918 | 20.909 | 20.954 | VV | 84264  | 2149287 | 26.87%  | 1.628% |
| 358 | 20.988 | 20.954 | 21.011 | VV | 75424  | 2372976 | 29.67%  | 1.797% |
| 359 | 21.017 | 21.011 | 21.055 | VV | 73761  | 1688420 | 21.11%  | 1.279% |
| 360 | 21.076 | 21.055 | 21.091 | VV | 64598  | 1313276 | 16.42%  | 0.994% |
| 361 | 21.126 | 21.091 | 21.142 | VV | 65714  | 1838467 | 22.99%  | 1.392% |
| 362 | 21.173 | 21.142 | 21.192 | VV | 70469  | 1969016 | 24.62%  | 1.491% |
| 363 | 21.215 | 21.192 | 21.222 | VV | 69609  | 1172761 | 14.66%  | 0.888% |
| 364 | 21.293 | 21.222 | 21.429 | VV | 92510  | 7997909 | 100.00% | 6.056% |



|                         |        |        |        |     |                 |           |        |        |
|-------------------------|--------|--------|--------|-----|-----------------|-----------|--------|--------|
| 365                     | 21.478 | 21.429 | 21.494 | VV  | rteres<br>54036 | 1879505   | 23.50% | 1.423% |
| 366                     | 21.506 | 21.494 | 21.515 | VV  | 48900           | 590003    | 7.38%  | 0.447% |
| 367                     | 21.554 | 21.515 | 21.567 | VV  | 54448           | 1497141   | 18.72% | 1.134% |
| 368                     | 21.576 | 21.567 | 21.597 | VV  | 50572           | 893375    | 11.17% | 0.677% |
| 369                     | 21.627 | 21.597 | 21.717 | VV  | 60453           | 3449079   | 43.12% | 2.612% |
| 370                     | 21.728 | 21.717 | 21.737 | VV  | 42392           | 461675    | 5.77%  | 0.350% |
| 371                     | 21.746 | 21.737 | 21.753 | VV  | 41109           | 383962    | 4.80%  | 0.291% |
| 372                     | 21.771 | 21.753 | 21.779 | VV  | 47125           | 686718    | 8.59%  | 0.520% |
| 373                     | 21.785 | 21.779 | 21.796 | VV  | 45838           | 403582    | 5.05%  | 0.306% |
| 374                     | 21.806 | 21.796 | 21.864 | VV  | 43478           | 1456950   | 18.22% | 1.103% |
| 375                     | 21.877 | 21.864 | 21.890 | VV  | 33672           | 472045    | 5.90%  | 0.357% |
| 376                     | 21.903 | 21.890 | 21.917 | VV  | 37464           | 491058    | 6.14%  | 0.372% |
| 377                     | 21.928 | 21.917 | 21.967 | VV  | 33231           | 832226    | 10.41% | 0.630% |
| 378                     | 21.977 | 21.967 | 21.993 | VV  | 25680           | 308560    | 3.86%  | 0.234% |
| 379                     | 22.006 | 21.993 | 22.018 | VV  | 19810           | 282187    | 3.53%  | 0.214% |
| 380                     | 22.041 | 22.018 | 22.049 | VV  | 23726           | 382887    | 4.79%  | 0.290% |
| 381                     | 22.066 | 22.049 | 22.076 | VV  | 24657           | 362957    | 4.54%  | 0.275% |
| 382                     | 22.087 | 22.076 | 22.098 | VV  | 25358           | 301399    | 3.77%  | 0.228% |
| 383                     | 22.110 | 22.098 | 22.129 | VV  | 28527           | 443529    | 5.55%  | 0.336% |
| 384                     | 22.140 | 22.129 | 22.151 | VV  | 29337           | 345188    | 4.32%  | 0.261% |
| 385                     | 22.161 | 22.151 | 22.174 | VV  | 28630           | 363108    | 4.54%  | 0.275% |
| 386                     | 22.190 | 22.174 | 22.233 | VV  | 26592           | 802631    | 10.04% | 0.608% |
| 387                     | 22.259 | 22.233 | 22.292 | VV  | 22381           | 555156    | 6.94%  | 0.420% |
| 388                     | 22.308 | 22.292 | 22.337 | VV  | 20229           | 420153    | 5.25%  | 0.318% |
| 389                     | 22.343 | 22.337 | 22.379 | VV  | 15709           | 268507    | 3.36%  | 0.203% |
| 390                     | 22.386 | 22.379 | 22.397 | VV  | 7434            | 52886     | 0.66%  | 0.040% |
| 391                     | 22.432 | 22.397 | 22.475 | PV  | 7672            | 156795    | 1.96%  | 0.119% |
| 392                     | 22.490 | 22.475 | 22.501 | PBA | 5672            | 128859    | 1.61%  | 0.098% |
| Sum of corrected areas: |        |        |        |     |                 | 132057831 |        |        |

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