

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081721AL\  
 Data File : FC055249.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Aug 2021 3:27  
 Sample : M3414-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080321.M  
 Title : GC Extractables

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         | 3.120       | 3.086        | 3.123      | BV       | 23566          | 68589        | 0.13%          | 0.011%        |
| 2         | 3.145       | 3.123        | 3.172      | VV       | 820259         | 7670338      | 14.32%         | 1.200%        |
| 3         | 3.186       | 3.172        | 3.215      | VV       | 50690          | 510162       | 0.95%          | 0.080%        |
| 4         | 3.236       | 3.215        | 3.248      | PV       | 221312         | 1891329      | 3.53%          | 0.296%        |
| 5         | 3.257       | 3.248        | 3.270      | VV       | 109376         | 1033050      | 1.93%          | 0.162%        |
| 6         | 3.279       | 3.270        | 3.296      | VV       | 75562          | 780824       | 1.46%          | 0.122%        |
| 7         | 3.313       | 3.296        | 3.324      | VV       | 89566          | 927775       | 1.73%          | 0.145%        |
| 8         | 3.339       | 3.324        | 3.363      | VV       | 161451         | 1904963      | 3.56%          | 0.298%        |
| 9         | 3.370       | 3.363        | 3.381      | VV       | 29719          | 237934       | 0.44%          | 0.037%        |
| 10        | 3.397       | 3.381        | 3.403      | VV       | 150561         | 1227827      | 2.29%          | 0.192%        |
| 11        | 3.415       | 3.403        | 3.433      | VV       | 257160         | 2580288      | 4.82%          | 0.404%        |
| 12        | 3.462       | 3.433        | 3.481      | VV       | 200396         | 2650770      | 4.95%          | 0.415%        |
| 13        | 3.485       | 3.481        | 3.491      | VV       | 34121          | 197030       | 0.37%          | 0.031%        |
| 14        | 3.508       | 3.491        | 3.524      | VV       | 327905         | 3353032      | 6.26%          | 0.525%        |
| 15        | 3.542       | 3.524        | 3.558      | VV       | 704901         | 7005273      | 13.08%         | 1.096%        |
| 16        | 3.562       | 3.558        | 3.608      | VV       | 185981         | 2962483      | 5.53%          | 0.463%        |
| 17        | 3.626       | 3.608        | 3.635      | VV       | 676973         | 5829001      | 10.88%         | 0.912%        |
| 18        | 3.647       | 3.635        | 3.688      | VV       | 1246978        | 12109514     | 22.61%         | 1.894%        |
| 19        | 3.713       | 3.688        | 3.756      | VV       | 1718367        | 18691772     | 34.89%         | 2.924%        |
| 20        | 3.800       | 3.756        | 3.816      | VV       | 1216309        | 13754291     | 25.68%         | 2.152%        |
| 21        | 3.830       | 3.816        | 3.848      | VV       | 609157         | 6315055      | 11.79%         | 0.988%        |
| 22        | 3.861       | 3.848        | 3.879      | VV       | 147181         | 1998028      | 3.73%          | 0.313%        |
| 23        | 3.903       | 3.879        | 3.936      | VV       | 438398         | 6837934      | 12.76%         | 1.070%        |
| 24        | 3.980       | 3.936        | 3.995      | VV       | 4264482        | 53567877     | 100.00%        | 8.380%        |
| 25        | 4.003       | 3.995        | 4.010      | VV       | 118635         | 993501       | 1.85%          | 0.155%        |
| 26        | 4.019       | 4.010        | 4.046      | VV       | 128366         | 1884435      | 3.52%          | 0.295%        |
| 27        | 4.056       | 4.046        | 4.078      | VV       | 56805          | 649420       | 1.21%          | 0.102%        |
| 28        | 4.118       | 4.078        | 4.131      | VV       | 155669         | 2488680      | 4.65%          | 0.389%        |
| 29        | 4.145       | 4.131        | 4.168      | VV       | 218028         | 2593389      | 4.84%          | 0.406%        |
| 30        | 4.200       | 4.168        | 4.216      | VV       | 789773         | 7707837      | 14.39%         | 1.206%        |
| 31        | 4.237       | 4.216        | 4.252      | VV       | 1485477        | 13891391     | 25.93%         | 2.173%        |
| 32        | 4.265       | 4.252        | 4.283      | VV       | 309389         | 3093439      | 5.77%          | 0.484%        |
| 33        | 4.297       | 4.283        | 4.319      | VV       | 147103         | 1868494      | 3.49%          | 0.292%        |
| 34        | 4.338       | 4.319        | 4.375      | VV       | 799894         | 9275202      | 17.31%         | 1.451%        |
| 35        | 4.388       | 4.375        | 4.399      | VV       | 82632          | 1123779      | 2.10%          | 0.176%        |
| 36        | 4.416       | 4.399        | 4.431      | VV       | 173706         | 2279253      | 4.25%          | 0.357%        |

| rteres |       |       |       |    |         |          |        |        |
|--------|-------|-------|-------|----|---------|----------|--------|--------|
| 37     | 4.444 | 4.431 | 4.459 | VV | 176475  | 1905140  | 3.56%  | 0.298% |
| 38     | 4.469 | 4.459 | 4.480 | VV | 79781   | 890219   | 1.66%  | 0.139% |
| 39     | 4.501 | 4.480 | 4.524 | VV | 185325  | 3125846  | 5.84%  | 0.489% |
| 40     | 4.542 | 4.524 | 4.554 | VV | 534399  | 5490026  | 10.25% | 0.859% |
| 41     | 4.570 | 4.554 | 4.588 | VV | 1068944 | 11087777 | 20.70% | 1.734% |
| 42     | 4.610 | 4.588 | 4.628 | VV | 1002664 | 12761891 | 23.82% | 1.996% |
| 43     | 4.647 | 4.628 | 4.684 | VV | 1422466 | 14831136 | 27.69% | 2.320% |
| 44     | 4.715 | 4.684 | 4.732 | VV | 504780  | 5706062  | 10.65% | 0.893% |
| 45     | 4.743 | 4.732 | 4.782 | VV | 146920  | 2945569  | 5.50%  | 0.461% |
| 46     | 4.804 | 4.782 | 4.813 | VV | 306377  | 3051646  | 5.70%  | 0.477% |
| 47     | 4.832 | 4.813 | 4.860 | VV | 1310772 | 23359969 | 43.61% | 3.654% |
| 48     | 4.876 | 4.860 | 4.891 | VV | 823240  | 9853842  | 18.40% | 1.541% |
| 49     | 4.909 | 4.891 | 4.922 | VV | 1577980 | 16018574 | 29.90% | 2.506% |
| 50     | 4.929 | 4.922 | 4.946 | VV | 464515  | 4264388  | 7.96%  | 0.667% |
| 51     | 4.956 | 4.946 | 4.971 | VV | 138704  | 1466040  | 2.74%  | 0.229% |
| 52     | 4.983 | 4.971 | 5.000 | VV | 75236   | 1030402  | 1.92%  | 0.161% |
| 53     | 5.020 | 5.000 | 5.053 | VV | 75211   | 1831185  | 3.42%  | 0.286% |
| 54     | 5.091 | 5.053 | 5.138 | VV | 569573  | 9915489  | 18.51% | 1.551% |
| 55     | 5.151 | 5.138 | 5.159 | VV | 87286   | 916593   | 1.71%  | 0.143% |
| 56     | 5.168 | 5.159 | 5.200 | VV | 96856   | 1490671  | 2.78%  | 0.233% |
| 57     | 5.225 | 5.200 | 5.241 | VV | 1565465 | 16511981 | 30.82% | 2.583% |
| 58     | 5.260 | 5.241 | 5.279 | VV | 1449310 | 14805688 | 27.64% | 2.316% |
| 59     | 5.291 | 5.279 | 5.325 | VV | 102912  | 1865314  | 3.48%  | 0.292% |
| 60     | 5.341 | 5.325 | 5.353 | VV | 58783   | 785216   | 1.47%  | 0.123% |
| 61     | 5.366 | 5.353 | 5.373 | VV | 59393   | 636960   | 1.19%  | 0.100% |
| 62     | 5.406 | 5.373 | 5.423 | VV | 897188  | 10641407 | 19.87% | 1.665% |
| 63     | 5.434 | 5.423 | 5.452 | VV | 360025  | 3860298  | 7.21%  | 0.604% |
| 64     | 5.470 | 5.452 | 5.478 | VV | 179226  | 2135556  | 3.99%  | 0.334% |
| 65     | 5.499 | 5.478 | 5.513 | VV | 1399723 | 15657380 | 29.23% | 2.449% |
| 66     | 5.521 | 5.513 | 5.537 | VV | 595969  | 6071230  | 11.33% | 0.950% |
| 67     | 5.553 | 5.537 | 5.572 | VV | 528085  | 6136718  | 11.46% | 0.960% |
| 68     | 5.589 | 5.572 | 5.603 | VV | 541473  | 6470259  | 12.08% | 1.012% |
| 69     | 5.607 | 5.603 | 5.619 | VV | 306828  | 2702245  | 5.04%  | 0.423% |
| 70     | 5.631 | 5.619 | 5.656 | VV | 272936  | 4581525  | 8.55%  | 0.717% |
| 71     | 5.676 | 5.656 | 5.699 | VV | 424995  | 6594386  | 12.31% | 1.032% |
| 72     | 5.726 | 5.699 | 5.744 | VV | 395306  | 6878678  | 12.84% | 1.076% |
| 73     | 5.768 | 5.744 | 5.781 | VV | 1422053 | 15215078 | 28.40% | 2.380% |
| 74     | 5.794 | 5.781 | 5.833 | VV | 705545  | 10698743 | 19.97% | 1.674% |
| 75     | 5.855 | 5.833 | 5.874 | VV | 357470  | 4854106  | 9.06%  | 0.759% |
| 76     | 5.893 | 5.874 | 5.928 | VV | 538776  | 11387007 | 21.26% | 1.781% |
| 77     | 5.934 | 5.928 | 5.944 | VV | 226494  | 2035471  | 3.80%  | 0.318% |
| 78     | 5.949 | 5.944 | 5.961 | VV | 182145  | 1574404  | 2.94%  | 0.246% |
| 79     | 5.976 | 5.961 | 5.992 | VV | 400172  | 4366253  | 8.15%  | 0.683% |
| 80     | 6.019 | 5.992 | 6.050 | VV | 468802  | 9042788  | 16.88% | 1.415% |
| 81     | 6.057 | 6.050 | 6.087 | VV | 71335   | 1443756  | 2.70%  | 0.226% |
| 82     | 6.115 | 6.087 | 6.162 | VV | 282280  | 5171492  | 9.65%  | 0.809% |
| 83     | 6.196 | 6.162 | 6.240 | VV | 482797  | 7217679  | 13.47% | 1.129% |
| 84     | 6.276 | 6.240 | 6.287 | VV | 112002  | 2213128  | 4.13%  | 0.346% |
| 85     | 6.305 | 6.287 | 6.324 | VV | 328125  | 4683744  | 8.74%  | 0.733% |
| 86     | 6.339 | 6.324 | 6.363 | VV | 206412  | 2943826  | 5.50%  | 0.460% |
| 87     | 6.389 | 6.363 | 6.403 | VV | 192117  | 2824946  | 5.27%  | 0.442% |
| 88     | 6.412 | 6.403 | 6.428 | VV | 118111  | 1471116  | 2.75%  | 0.230% |
| 89     | 6.434 | 6.428 | 6.447 | VV | 80492   | 816738   | 1.52%  | 0.128% |

|     |       |       |       |    |         |          |        |        |
|-----|-------|-------|-------|----|---------|----------|--------|--------|
|     |       |       |       |    | rteres  |          |        |        |
| 90  | 6.468 | 6.447 | 6.488 | VV | 517512  | 5737454  | 10.71% | 0.897% |
| 91  | 6.502 | 6.488 | 6.515 | VV | 131018  | 1690014  | 3.15%  | 0.264% |
| 92  | 6.532 | 6.515 | 6.554 | VV | 149185  | 2605861  | 4.86%  | 0.408% |
| 93  | 6.585 | 6.554 | 6.612 | VV | 313695  | 5646285  | 10.54% | 0.883% |
| 94  | 6.622 | 6.612 | 6.643 | VV | 125731  | 1636091  | 3.05%  | 0.256% |
| 95  | 6.662 | 6.643 | 6.678 | VV | 103006  | 1595202  | 2.98%  | 0.250% |
| 96  | 6.707 | 6.678 | 6.728 | VV | 171573  | 3426572  | 6.40%  | 0.536% |
| 97  | 6.748 | 6.728 | 6.782 | VV | 320591  | 5559967  | 10.38% | 0.870% |
| 98  | 6.818 | 6.782 | 6.839 | VV | 1458238 | 18660845 | 34.84% | 2.919% |
| 99  | 6.850 | 6.839 | 6.871 | VV | 148220  | 1987792  | 3.71%  | 0.311% |
| 100 | 6.890 | 6.871 | 6.924 | VV | 168006  | 3056293  | 5.71%  | 0.478% |
| 101 | 6.945 | 6.924 | 6.975 | VV | 738846  | 8393753  | 15.67% | 1.313% |
| 102 | 6.981 | 6.975 | 7.003 | VV | 53129   | 785164   | 1.47%  | 0.123% |
| 103 | 7.012 | 7.003 | 7.028 | VV | 40242   | 562440   | 1.05%  | 0.088% |
| 104 | 7.042 | 7.028 | 7.058 | VV | 48484   | 768721   | 1.44%  | 0.120% |
| 105 | 7.067 | 7.058 | 7.078 | VV | 38051   | 427987   | 0.80%  | 0.067% |
| 106 | 7.111 | 7.078 | 7.134 | VV | 320185  | 4251045  | 7.94%  | 0.665% |
| 107 | 7.161 | 7.134 | 7.175 | VV | 58887   | 1194420  | 2.23%  | 0.187% |
| 108 | 7.192 | 7.175 | 7.220 | VV | 67264   | 1334635  | 2.49%  | 0.209% |
| 109 | 7.233 | 7.220 | 7.243 | VV | 33891   | 437884   | 0.82%  | 0.068% |
| 110 | 7.247 | 7.243 | 7.255 | VV | 32394   | 220437   | 0.41%  | 0.034% |
| 111 | 7.278 | 7.255 | 7.303 | VV | 70575   | 1272251  | 2.38%  | 0.199% |
| 112 | 7.329 | 7.303 | 7.354 | VV | 57542   | 1182743  | 2.21%  | 0.185% |
| 113 | 7.366 | 7.354 | 7.392 | VV | 28335   | 513737   | 0.96%  | 0.080% |
| 114 | 7.437 | 7.392 | 7.455 | VV | 42297   | 1011362  | 1.89%  | 0.158% |
| 115 | 7.468 | 7.455 | 7.482 | VV | 35963   | 481701   | 0.90%  | 0.075% |
| 116 | 7.495 | 7.482 | 7.518 | VV | 28291   | 546034   | 1.02%  | 0.085% |
| 117 | 7.538 | 7.518 | 7.548 | VV | 31322   | 494221   | 0.92%  | 0.077% |
| 118 | 7.561 | 7.548 | 7.575 | VV | 44062   | 603242   | 1.13%  | 0.094% |
| 119 | 7.585 | 7.575 | 7.605 | VV | 36537   | 522397   | 0.98%  | 0.082% |
| 120 | 7.626 | 7.605 | 7.650 | VV | 33513   | 630329   | 1.18%  | 0.099% |
| 121 | 7.685 | 7.650 | 7.714 | VV | 79996   | 1811099  | 3.38%  | 0.283% |
| 122 | 7.728 | 7.714 | 7.757 | VV | 65072   | 926599   | 1.73%  | 0.145% |
| 123 | 7.781 | 7.757 | 7.786 | VV | 106204  | 963093   | 1.80%  | 0.151% |
| 124 | 7.795 | 7.786 | 7.866 | VV | 116295  | 2040056  | 3.81%  | 0.319% |
| 125 | 7.896 | 7.866 | 7.913 | VV | 195368  | 2304247  | 4.30%  | 0.360% |
| 126 | 7.925 | 7.913 | 7.954 | VV | 90683   | 1383440  | 2.58%  | 0.216% |
| 127 | 7.974 | 7.954 | 8.002 | VV | 106615  | 1406790  | 2.63%  | 0.220% |
| 128 | 8.012 | 8.002 | 8.030 | VV | 17436   | 263171   | 0.49%  | 0.041% |
| 129 | 8.067 | 8.030 | 8.103 | VV | 47665   | 1197384  | 2.24%  | 0.187% |
| 130 | 8.117 | 8.103 | 8.150 | VV | 16182   | 299616   | 0.56%  | 0.047% |
| 131 | 8.174 | 8.150 | 8.212 | VV | 25586   | 512561   | 0.96%  | 0.080% |
| 132 | 8.216 | 8.212 | 8.283 | VV | 8905    | 254633   | 0.48%  | 0.040% |
| 133 | 8.298 | 8.283 | 8.308 | VV | 4156    | 54277    | 0.10%  | 0.008% |
| 134 | 8.334 | 8.308 | 8.359 | VV | 7819    | 181889   | 0.34%  | 0.028% |
| 135 | 8.383 | 8.359 | 8.402 | VV | 10231   | 187921   | 0.35%  | 0.029% |
| 136 | 8.411 | 8.402 | 8.431 | VV | 7171    | 104527   | 0.20%  | 0.016% |
| 137 | 8.461 | 8.431 | 8.468 | VV | 6401    | 124235   | 0.23%  | 0.019% |
| 138 | 8.475 | 8.468 | 8.485 | VV | 6315    | 60898    | 0.11%  | 0.010% |
| 139 | 8.504 | 8.485 | 8.529 | VV | 20798   | 286157   | 0.53%  | 0.045% |
| 140 | 8.559 | 8.529 | 8.594 | VV | 7097    | 169939   | 0.32%  | 0.027% |
| 141 | 8.620 | 8.594 | 8.659 | VV | 13148   | 300161   | 0.56%  | 0.047% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.675  | 8.659  | 8.721  | VV | 10151  | 234718 | 0.44% | 0.037% |
| 143 | 8.748  | 8.721  | 8.766  | VV | 5610   | 122017 | 0.23% | 0.019% |
| 144 | 8.789  | 8.766  | 8.813  | VV | 43576  | 574116 | 1.07% | 0.090% |
| 145 | 8.826  | 8.813  | 8.857  | VV | 12249  | 217964 | 0.41% | 0.034% |
|     |        |        |        |    |        |        |       |        |
| 146 | 8.875  | 8.857  | 8.914  | VV | 9091   | 149956 | 0.28% | 0.023% |
| 147 | 8.937  | 8.914  | 8.962  | VV | 9462   | 141112 | 0.26% | 0.022% |
| 148 | 8.980  | 8.962  | 9.038  | VV | 6603   | 140640 | 0.26% | 0.022% |
| 149 | 9.073  | 9.038  | 9.116  | VV | 7271   | 192661 | 0.36% | 0.030% |
| 150 | 9.120  | 9.116  | 9.139  | VV | 2090   | 22606  | 0.04% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 151 | 9.160  | 9.139  | 9.175  | VV | 4365   | 68502  | 0.13% | 0.011% |
| 152 | 9.199  | 9.175  | 9.218  | VV | 5987   | 107217 | 0.20% | 0.017% |
| 153 | 9.238  | 9.218  | 9.272  | VV | 4904   | 102102 | 0.19% | 0.016% |
| 154 | 9.291  | 9.272  | 9.307  | VV | 2597   | 38408  | 0.07% | 0.006% |
| 155 | 9.321  | 9.307  | 9.332  | VV | 2295   | 28642  | 0.05% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 156 | 9.343  | 9.332  | 9.359  | VV | 2671   | 36783  | 0.07% | 0.006% |
| 157 | 9.371  | 9.359  | 9.378  | VV | 2547   | 25227  | 0.05% | 0.004% |
| 158 | 9.383  | 9.378  | 9.427  | VV | 2334   | 50154  | 0.09% | 0.008% |
| 159 | 9.470  | 9.427  | 9.486  | VV | 3111   | 67430  | 0.13% | 0.011% |
| 160 | 9.494  | 9.486  | 9.500  | VV | 2482   | 19646  | 0.04% | 0.003% |
|     |        |        |        |    |        |        |       |        |
| 161 | 9.513  | 9.500  | 9.541  | VV | 2541   | 52998  | 0.10% | 0.008% |
| 162 | 9.564  | 9.541  | 9.624  | VV | 18980  | 284792 | 0.53% | 0.045% |
| 163 | 9.637  | 9.624  | 9.652  | VV | 1101   | 14349  | 0.03% | 0.002% |
| 164 | 9.671  | 9.652  | 9.684  | VV | 1792   | 25092  | 0.05% | 0.004% |
| 165 | 9.698  | 9.684  | 9.716  | VV | 1586   | 22855  | 0.04% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 166 | 9.736  | 9.716  | 9.755  | VV | 1862   | 31281  | 0.06% | 0.005% |
| 167 | 9.774  | 9.755  | 9.809  | VV | 2414   | 40702  | 0.08% | 0.006% |
| 168 | 9.821  | 9.809  | 9.833  | VV | 552    | 5686   | 0.01% | 0.001% |
| 169 | 9.837  | 9.833  | 9.853  | VV | 375    | 1978   | 0.00% | 0.000% |
| 170 | 9.874  | 9.853  | 9.886  | PV | 873    | 10700  | 0.02% | 0.002% |
|     |        |        |        |    |        |        |       |        |
| 171 | 9.906  | 9.886  | 9.922  | VV | 1783   | 27064  | 0.05% | 0.004% |
| 172 | 9.948  | 9.922  | 9.978  | VV | 5512   | 97615  | 0.18% | 0.015% |
| 173 | 10.000 | 9.978  | 10.018 | VV | 2463   | 40173  | 0.07% | 0.006% |
| 174 | 10.040 | 10.018 | 10.056 | VV | 2674   | 46587  | 0.09% | 0.007% |
| 175 | 10.085 | 10.056 | 10.131 | VV | 2957   | 85431  | 0.16% | 0.013% |
|     |        |        |        |    |        |        |       |        |
| 176 | 10.166 | 10.131 | 10.191 | VV | 1690   | 50610  | 0.09% | 0.008% |
| 177 | 10.208 | 10.191 | 10.241 | VV | 3448   | 69668  | 0.13% | 0.011% |
| 178 | 10.253 | 10.241 | 10.278 | VV | 2172   | 40441  | 0.08% | 0.006% |
| 179 | 10.299 | 10.278 | 10.336 | VV | 14364  | 197518 | 0.37% | 0.031% |
| 180 | 10.367 | 10.336 | 10.398 | VV | 7926   | 141700 | 0.26% | 0.022% |
|     |        |        |        |    |        |        |       |        |
| 181 | 10.418 | 10.398 | 10.455 | VV | 1684   | 35832  | 0.07% | 0.006% |
| 182 | 10.475 | 10.455 | 10.495 | VV | 660    | 9113   | 0.02% | 0.001% |
| 183 | 10.499 | 10.495 | 10.507 | VV | 149    | 1031   | 0.00% | 0.000% |
| 184 | 10.517 | 10.507 | 10.534 | VV | 406    | 3151   | 0.01% | 0.000% |
| 185 | 10.536 | 10.534 | 10.540 | PV | 216    | 344    | 0.00% | 0.000% |
|     |        |        |        |    |        |        |       |        |
| 186 | 10.562 | 10.540 | 10.573 | VV | 491    | 4344   | 0.01% | 0.001% |
| 187 | 10.620 | 10.573 | 10.658 | VV | 1736   | 56494  | 0.11% | 0.009% |
| 188 | 10.678 | 10.658 | 10.702 | VV | 2626   | 43965  | 0.08% | 0.007% |
| 189 | 10.711 | 10.702 | 10.730 | VV | 1017   | 13520  | 0.03% | 0.002% |
| 190 | 10.754 | 10.730 | 10.776 | VV | 1397   | 24414  | 0.05% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 191 | 10.801 | 10.776 | 10.837 | VV | 1128   | 25464  | 0.05% | 0.004% |
| 192 | 10.844 | 10.837 | 10.864 | VV | 456    | 4689   | 0.01% | 0.001% |
| 193 | 10.870 | 10.864 | 10.883 | VV | 403    | 3599   | 0.01% | 0.001% |
| 194 | 10.887 | 10.883 | 10.893 | VV | 424    | 1901   | 0.00% | 0.000% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 10.948 | 10.893 | 10.973 | VV | 1320   | 44139   | 0.08%  | 0.007% |
| 196 | 10.999 | 10.973 | 11.036 | VV | 10223  | 142865  | 0.27%  | 0.022% |
| 197 | 11.041 | 11.036 | 11.062 | VV | 1159   | 14621   | 0.03%  | 0.002% |
| 198 | 11.085 | 11.062 | 11.127 | VV | 3312   | 55705   | 0.10%  | 0.009% |
| 199 | 11.149 | 11.127 | 11.160 | VV | 492    | 7128    | 0.01%  | 0.001% |
| 200 | 11.191 | 11.160 | 11.225 | VV | 693    | 17155   | 0.03%  | 0.003% |
| 201 | 11.246 | 11.225 | 11.253 | VV | 720    | 9397    | 0.02%  | 0.001% |
| 202 | 11.259 | 11.253 | 11.272 | VV | 707    | 6077    | 0.01%  | 0.001% |
| 203 | 11.304 | 11.272 | 11.372 | VV | 507135 | 5545620 | 10.35% | 0.867% |
| 204 | 11.390 | 11.372 | 11.414 | VV | 2208   | 45339   | 0.08%  | 0.007% |
| 205 | 11.433 | 11.414 | 11.447 | VV | 1830   | 31038   | 0.06%  | 0.005% |
| 206 | 11.449 | 11.447 | 11.462 | VV | 1525   | 12715   | 0.02%  | 0.002% |
| 207 | 11.472 | 11.462 | 11.509 | VV | 1597   | 34311   | 0.06%  | 0.005% |
| 208 | 11.522 | 11.509 | 11.539 | VV | 1052   | 16249   | 0.03%  | 0.003% |
| 209 | 11.559 | 11.539 | 11.584 | VV | 1171   | 26210   | 0.05%  | 0.004% |
| 210 | 11.591 | 11.584 | 11.623 | VV | 930    | 15316   | 0.03%  | 0.002% |
| 211 | 11.665 | 11.623 | 11.718 | VV | 7705   | 129639  | 0.24%  | 0.020% |
| 212 | 11.726 | 11.718 | 11.752 | VV | 880    | 12679   | 0.02%  | 0.002% |
| 213 | 11.758 | 11.752 | 11.780 | VV | 470    | 5705    | 0.01%  | 0.001% |
| 214 | 11.783 | 11.780 | 11.813 | VV | 367    | 5229    | 0.01%  | 0.001% |
| 215 | 11.839 | 11.813 | 11.844 | VV | 246    | 2991    | 0.01%  | 0.000% |
| 216 | 11.853 | 11.844 | 11.875 | VV | 350    | 3339    | 0.01%  | 0.001% |
| 217 | 11.882 | 11.875 | 11.892 | VV | 92     | 1180    | 0.00%  | 0.000% |
| 218 | 11.910 | 11.892 | 11.916 | VV | 322    | 2878    | 0.01%  | 0.000% |
| 219 | 11.932 | 11.916 | 11.995 | VV | 1819   | 47130   | 0.09%  | 0.007% |
| 220 | 12.007 | 11.995 | 12.034 | VV | 689    | 12433   | 0.02%  | 0.002% |
| 221 | 12.043 | 12.034 | 12.054 | VV | 573    | 5945    | 0.01%  | 0.001% |
| 222 | 12.071 | 12.054 | 12.093 | VV | 773    | 11973   | 0.02%  | 0.002% |
| 223 | 12.124 | 12.093 | 12.158 | VV | 921    | 22017   | 0.04%  | 0.003% |
| 224 | 12.175 | 12.158 | 12.183 | VV | 412    | 5035    | 0.01%  | 0.001% |
| 225 | 12.195 | 12.183 | 12.204 | VV | 514    | 5526    | 0.01%  | 0.001% |
| 226 | 12.220 | 12.204 | 12.225 | VV | 656    | 6752    | 0.01%  | 0.001% |
| 227 | 12.230 | 12.225 | 12.249 | VV | 460    | 5435    | 0.01%  | 0.001% |
| 228 | 12.302 | 12.249 | 12.340 | VV | 5875   | 91044   | 0.17%  | 0.014% |
| 229 | 12.343 | 12.340 | 12.356 | VV | 496    | 4356    | 0.01%  | 0.001% |
| 230 | 12.362 | 12.356 | 12.374 | VV | 524    | 4507    | 0.01%  | 0.001% |
| 231 | 12.387 | 12.374 | 12.468 | VV | 440    | 16216   | 0.03%  | 0.003% |
| 232 | 12.472 | 12.468 | 12.483 | VV | 56     | 692     | 0.00%  | 0.000% |
| 233 | 12.495 | 12.483 | 12.522 | VV | 296    | 3151    | 0.01%  | 0.000% |
| 234 | 12.548 | 12.522 | 12.563 | PV | 411    | 4466    | 0.01%  | 0.001% |
| 235 | 12.583 | 12.563 | 12.605 | VV | 513    | 9550    | 0.02%  | 0.001% |
| 236 | 12.608 | 12.605 | 12.615 | VV | 369    | 1927    | 0.00%  | 0.000% |
| 237 | 12.622 | 12.615 | 12.640 | VV | 436    | 3623    | 0.01%  | 0.001% |
| 238 | 12.669 | 12.640 | 12.683 | VV | 459    | 7172    | 0.01%  | 0.001% |
| 239 | 12.691 | 12.683 | 12.709 | VV | 511    | 6205    | 0.01%  | 0.001% |
| 240 | 12.745 | 12.709 | 12.838 | VV | 354006 | 4350434 | 8.12%  | 0.681% |
| 241 | 12.841 | 12.838 | 12.889 | VV | 653    | 12431   | 0.02%  | 0.002% |
| 242 | 12.911 | 12.889 | 12.946 | VV | 3361   | 49926   | 0.09%  | 0.008% |
| 243 | 12.958 | 12.946 | 13.001 | VV | 580    | 13183   | 0.02%  | 0.002% |
| 244 | 13.019 | 13.001 | 13.031 | VV | 392    | 4353    | 0.01%  | 0.001% |
| 245 | 13.033 | 13.031 | 13.040 | VV | 273    | 1248    | 0.00%  | 0.000% |
| 246 | 13.051 | 13.040 | 13.059 | VV | 319    | 2486    | 0.00%  | 0.000% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 247 | 13.067 | 13.059 | 13.099 | VV | 308    | 5051  | 0.01% | 0.001% |
| 248 | 13.104 | 13.099 | 13.111 | VV | 314    | 1366  | 0.00% | 0.000% |
| 249 | 13.133 | 13.111 | 13.137 | VV | 370    | 4358  | 0.01% | 0.001% |
| 250 | 13.140 | 13.137 | 13.151 | VV | 428    | 3003  | 0.01% | 0.000% |
| 251 | 13.156 | 13.151 | 13.165 | VV | 445    | 3298  | 0.01% | 0.001% |
| 252 | 13.177 | 13.165 | 13.183 | VV | 572    | 5277  | 0.01% | 0.001% |
| 253 | 13.188 | 13.183 | 13.202 | VV | 483    | 4881  | 0.01% | 0.001% |
| 254 | 13.206 | 13.202 | 13.219 | VV | 409    | 3053  | 0.01% | 0.000% |
| 255 | 13.227 | 13.219 | 13.236 | VV | 274    | 2521  | 0.00% | 0.000% |
| 256 | 13.244 | 13.236 | 13.250 | VV | 418    | 2372  | 0.00% | 0.000% |
| 257 | 13.261 | 13.250 | 13.273 | VV | 400    | 4115  | 0.01% | 0.001% |
| 258 | 13.289 | 13.273 | 13.296 | VV | 405    | 4655  | 0.01% | 0.001% |
| 259 | 13.312 | 13.296 | 13.325 | VV | 574    | 7276  | 0.01% | 0.001% |
| 260 | 13.328 | 13.325 | 13.337 | VV | 545    | 3177  | 0.01% | 0.000% |
| 261 | 13.338 | 13.337 | 13.367 | VV | 451    | 6140  | 0.01% | 0.001% |
| 262 | 13.370 | 13.367 | 13.385 | VV | 280    | 2522  | 0.00% | 0.000% |
| 263 | 13.395 | 13.385 | 13.410 | VV | 308    | 3333  | 0.01% | 0.001% |
| 264 | 13.420 | 13.410 | 13.427 | VV | 224    | 2002  | 0.00% | 0.000% |
| 265 | 13.433 | 13.427 | 13.443 | VV | 389    | 3061  | 0.01% | 0.000% |
| 266 | 13.446 | 13.443 | 13.465 | VV | 480    | 5669  | 0.01% | 0.001% |
| 267 | 13.494 | 13.465 | 13.538 | VV | 2208   | 39596 | 0.07% | 0.006% |
| 268 | 13.543 | 13.538 | 13.552 | VV | 497    | 3079  | 0.01% | 0.000% |
| 269 | 13.566 | 13.552 | 13.585 | VV | 437    | 6269  | 0.01% | 0.001% |
| 270 | 13.589 | 13.585 | 13.602 | VV | 287    | 2412  | 0.00% | 0.000% |
| 271 | 13.609 | 13.602 | 13.642 | VV | 248    | 5090  | 0.01% | 0.001% |
| 272 | 13.650 | 13.642 | 13.660 | VV | 253    | 1980  | 0.00% | 0.000% |
| 273 | 13.664 | 13.660 | 13.678 | VV | 155    | 1395  | 0.00% | 0.000% |
| 274 | 13.687 | 13.678 | 13.697 | PV | 232    | 1826  | 0.00% | 0.000% |
| 275 | 13.717 | 13.697 | 13.735 | VV | 372    | 5826  | 0.01% | 0.001% |
| 276 | 13.738 | 13.735 | 13.747 | VV | 325    | 1899  | 0.00% | 0.000% |
| 277 | 13.755 | 13.747 | 13.779 | VV | 353    | 5319  | 0.01% | 0.001% |
| 278 | 13.784 | 13.779 | 13.809 | VV | 291    | 4067  | 0.01% | 0.001% |
| 279 | 13.819 | 13.809 | 13.824 | VV | 369    | 2044  | 0.00% | 0.000% |
| 280 | 13.831 | 13.824 | 13.842 | VV | 562    | 3052  | 0.01% | 0.000% |
| 281 | 13.846 | 13.842 | 13.881 | VV | 244    | 4438  | 0.01% | 0.001% |
| 282 | 13.934 | 13.881 | 13.975 | VV | 953    | 24251 | 0.05% | 0.004% |
| 283 | 13.980 | 13.975 | 13.997 | VV | 397    | 3424  | 0.01% | 0.001% |
| 284 | 14.001 | 13.997 | 14.006 | VV | 272    | 1108  | 0.00% | 0.000% |
| 285 | 14.007 | 14.006 | 14.023 | VV | 294    | 1843  | 0.00% | 0.000% |
| 286 | 14.053 | 14.023 | 14.087 | VV | 1336   | 22735 | 0.04% | 0.004% |
| 287 | 14.100 | 14.087 | 14.110 | VV | 490    | 5688  | 0.01% | 0.001% |
| 288 | 14.116 | 14.110 | 14.132 | VV | 588    | 5774  | 0.01% | 0.001% |
| 289 | 14.144 | 14.132 | 14.162 | VV | 422    | 6010  | 0.01% | 0.001% |
| 290 | 14.167 | 14.162 | 14.182 | VV | 299    | 3219  | 0.01% | 0.001% |
| 291 | 14.189 | 14.182 | 14.198 | VV | 390    | 2756  | 0.01% | 0.000% |
| 292 | 14.207 | 14.198 | 14.219 | VV | 347    | 3232  | 0.01% | 0.001% |
| 293 | 14.222 | 14.219 | 14.246 | VV | 321    | 2708  | 0.01% | 0.000% |
| 294 | 14.252 | 14.246 | 14.259 | VV | 236    | 1420  | 0.00% | 0.000% |
| 295 | 14.272 | 14.259 | 14.286 | VV | 309    | 3223  | 0.01% | 0.001% |
| 296 | 14.288 | 14.286 | 14.306 | VV | 242    | 1579  | 0.00% | 0.000% |
| 297 | 14.317 | 14.306 | 14.322 | VV | 185    | 1138  | 0.00% | 0.000% |
| 298 | 14.333 | 14.322 | 14.341 | VV | 231    | 1957  | 0.00% | 0.000% |
| 299 | 14.345 | 14.341 | 14.359 | VV | 234    | 1905  | 0.00% | 0.000% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 300 | 14.365 | 14.359 | 14.391 | VV | 333    | 3770   | 0.01% | 0.001% |
| 301 | 14.400 | 14.391 | 14.412 | VV | 447    | 3440   | 0.01% | 0.001% |
| 302 | 14.423 | 14.412 | 14.454 | VV | 326    | 5670   | 0.01% | 0.001% |
| 303 | 14.460 | 14.454 | 14.478 | VV | 251    | 2311   | 0.00% | 0.000% |
| 304 | 14.484 | 14.478 | 14.497 | VV | 282    | 1939   | 0.00% | 0.000% |
| 305 | 14.502 | 14.497 | 14.506 | VV | 133    | 538    | 0.00% | 0.000% |
| 306 | 14.513 | 14.506 | 14.530 | VV | 324    | 2843   | 0.01% | 0.000% |
| 307 | 14.556 | 14.530 | 14.573 | VV | 482    | 8399   | 0.02% | 0.001% |
| 308 | 14.591 | 14.573 | 14.619 | VV | 1004   | 15510  | 0.03% | 0.002% |
| 309 | 14.640 | 14.619 | 14.676 | VV | 715    | 13410  | 0.03% | 0.002% |
| 310 | 14.683 | 14.676 | 14.688 | VV | 376    | 2076   | 0.00% | 0.000% |
| 311 | 14.698 | 14.688 | 14.708 | VV | 276    | 2505   | 0.00% | 0.000% |
| 312 | 14.714 | 14.708 | 14.724 | VV | 236    | 1717   | 0.00% | 0.000% |
| 313 | 14.737 | 14.724 | 14.758 | VV | 261    | 3202   | 0.01% | 0.001% |
| 314 | 14.785 | 14.758 | 14.791 | VV | 326    | 4096   | 0.01% | 0.001% |
| 315 | 14.806 | 14.791 | 14.811 | VV | 437    | 3891   | 0.01% | 0.001% |
| 316 | 14.823 | 14.811 | 14.883 | VV | 366    | 9547   | 0.02% | 0.001% |
| 317 | 14.890 | 14.883 | 14.898 | VV | 253    | 1780   | 0.00% | 0.000% |
| 318 | 14.906 | 14.898 | 14.924 | VV | 320    | 3343   | 0.01% | 0.001% |
| 319 | 14.929 | 14.924 | 14.934 | VV | 191    | 928    | 0.00% | 0.000% |
| 320 | 14.951 | 14.934 | 14.960 | VV | 289    | 3294   | 0.01% | 0.001% |
| 321 | 15.006 | 14.960 | 15.104 | VV | 4436   | 208478 | 0.39% | 0.033% |
| 322 | 15.108 | 15.104 | 15.137 | VV | 1209   | 18051  | 0.03% | 0.003% |
| 323 | 15.162 | 15.137 | 15.194 | VV | 1978   | 29717  | 0.06% | 0.005% |
| 324 | 15.204 | 15.194 | 15.223 | VV | 198    | 2056   | 0.00% | 0.000% |
| 325 | 15.228 | 15.223 | 15.230 | VV | 78     | 307    | 0.00% | 0.000% |
| 326 | 15.245 | 15.230 | 15.250 | VV | 191    | 1468   | 0.00% | 0.000% |
| 327 | 15.268 | 15.250 | 15.281 | VV | 334    | 3541   | 0.01% | 0.001% |
| 328 | 15.297 | 15.281 | 15.319 | VV | 235    | 3093   | 0.01% | 0.000% |
| 329 | 15.324 | 15.319 | 15.339 | VV | 235    | 1610   | 0.00% | 0.000% |
| 330 | 15.367 | 15.339 | 15.376 | PV | 324    | 3155   | 0.01% | 0.000% |
| 331 | 15.379 | 15.376 | 15.392 | VV | 246    | 1415   | 0.00% | 0.000% |
| 332 | 15.409 | 15.392 | 15.414 | VV | 337    | 2306   | 0.00% | 0.000% |
| 333 | 15.426 | 15.414 | 15.440 | VV | 374    | 3208   | 0.01% | 0.001% |
| 334 | 15.445 | 15.440 | 15.457 | VV | 207    | 1218   | 0.00% | 0.000% |
| 335 | 15.469 | 15.457 | 15.487 | VV | 173    | 1358   | 0.00% | 0.000% |
| 336 | 15.498 | 15.487 | 15.508 | PV | 217    | 1597   | 0.00% | 0.000% |
| 337 | 15.529 | 15.508 | 15.538 | VV | 194    | 2467   | 0.00% | 0.000% |
| 338 | 15.571 | 15.538 | 15.576 | VV | 409    | 4842   | 0.01% | 0.001% |
| 339 | 15.603 | 15.576 | 15.638 | VV | 1880   | 31310  | 0.06% | 0.005% |
| 340 | 15.646 | 15.638 | 15.660 | VV | 330    | 3199   | 0.01% | 0.001% |
| 341 | 15.669 | 15.660 | 15.678 | VV | 416    | 3536   | 0.01% | 0.001% |
| 342 | 15.687 | 15.678 | 15.698 | VV | 415    | 3556   | 0.01% | 0.001% |
| 343 | 15.705 | 15.698 | 15.722 | VV | 219    | 2230   | 0.00% | 0.000% |
| 344 | 15.727 | 15.722 | 15.741 | VV | 144    | 1429   | 0.00% | 0.000% |
| 345 | 15.745 | 15.741 | 15.751 | VV | 150    | 582    | 0.00% | 0.000% |
| 346 | 15.763 | 15.751 | 15.774 | VV | 119    | 1116   | 0.00% | 0.000% |
| 347 | 15.794 | 15.774 | 15.804 | VV | 225    | 2959   | 0.01% | 0.000% |
| 348 | 15.807 | 15.804 | 15.834 | VV | 185    | 2434   | 0.00% | 0.000% |
| 349 | 15.844 | 15.834 | 15.857 | VV | 130    | 1330   | 0.00% | 0.000% |
| 350 | 15.862 | 15.857 | 15.881 | VV | 196    | 2015   | 0.00% | 0.000% |
| 351 | 15.925 | 15.881 | 15.959 | VV | 351    | 7128   | 0.01% | 0.001% |

|     |        |        |        |    | rteres |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
| 352 | 15.977 | 15.959 | 15.986 | VV | 180    | 1521  | 0.00% | 0.000% |
| 353 | 16.031 | 15.986 | 16.044 | VV | 667    | 13507 | 0.03% | 0.002% |
| 354 | 16.054 | 16.044 | 16.072 | VV | 650    | 9093  | 0.02% | 0.001% |
| 355 | 16.090 | 16.072 | 16.112 | VV | 809    | 13695 | 0.03% | 0.002% |
| 356 | 16.117 | 16.112 | 16.121 | VV | 280    | 1366  | 0.00% | 0.000% |
| 357 | 16.167 | 16.121 | 16.216 | VV | 661    | 22431 | 0.04% | 0.004% |
| 358 | 16.222 | 16.216 | 16.255 | VV | 248    | 3093  | 0.01% | 0.000% |
| 359 | 16.268 | 16.255 | 16.282 | VV | 306    | 3159  | 0.01% | 0.000% |
| 360 | 16.287 | 16.282 | 16.315 | VV | 293    | 4043  | 0.01% | 0.001% |
| 361 | 16.319 | 16.315 | 16.325 | VV | 258    | 1184  | 0.00% | 0.000% |
| 362 | 16.335 | 16.325 | 16.342 | VV | 362    | 2828  | 0.01% | 0.000% |
| 363 | 16.348 | 16.342 | 16.361 | VV | 387    | 3081  | 0.01% | 0.000% |
| 364 | 16.368 | 16.361 | 16.374 | VV | 324    | 1956  | 0.00% | 0.000% |
| 365 | 16.391 | 16.374 | 16.416 | VV | 435    | 8632  | 0.02% | 0.001% |
| 366 | 16.442 | 16.416 | 16.453 | VV | 544    | 8643  | 0.02% | 0.001% |
| 367 | 16.458 | 16.453 | 16.465 | VV | 487    | 3066  | 0.01% | 0.000% |
| 368 | 16.473 | 16.465 | 16.493 | VV | 539    | 5931  | 0.01% | 0.001% |
| 369 | 16.521 | 16.493 | 16.527 | VV | 396    | 5910  | 0.01% | 0.001% |
| 370 | 16.553 | 16.527 | 16.572 | VV | 1139   | 18602 | 0.03% | 0.003% |
| 371 | 16.594 | 16.572 | 16.622 | VV | 1308   | 20996 | 0.04% | 0.003% |
| 372 | 16.626 | 16.622 | 16.629 | VV | 560    | 1637  | 0.00% | 0.000% |
| 373 | 16.634 | 16.629 | 16.668 | VV | 464    | 5379  | 0.01% | 0.001% |
| 374 | 16.685 | 16.668 | 16.714 | VV | 412    | 6277  | 0.01% | 0.001% |
| 375 | 16.719 | 16.714 | 16.731 | VV | 324    | 2123  | 0.00% | 0.000% |
| 376 | 16.734 | 16.731 | 16.753 | VV | 192    | 1926  | 0.00% | 0.000% |
| 377 | 16.770 | 16.753 | 16.779 | VV | 270    | 3084  | 0.01% | 0.000% |
| 378 | 16.789 | 16.779 | 16.801 | VV | 255    | 2395  | 0.00% | 0.000% |
| 379 | 16.807 | 16.801 | 16.842 | VV | 271    | 3497  | 0.01% | 0.001% |
| 380 | 16.876 | 16.842 | 16.899 | PV | 362    | 6662  | 0.01% | 0.001% |
| 381 | 16.911 | 16.899 | 16.916 | VV | 231    | 1362  | 0.00% | 0.000% |
| 382 | 16.922 | 16.916 | 16.935 | VV | 220    | 1749  | 0.00% | 0.000% |
| 383 | 16.946 | 16.935 | 16.950 | VV | 262    | 1813  | 0.00% | 0.000% |
| 384 | 16.955 | 16.950 | 16.971 | VV | 275    | 2325  | 0.00% | 0.000% |
| 385 | 17.002 | 16.971 | 17.039 | VV | 1476   | 24474 | 0.05% | 0.004% |
| 386 | 17.044 | 17.039 | 17.048 | VV | 157    | 581   | 0.00% | 0.000% |
| 387 | 17.055 | 17.048 | 17.074 | VV | 234    | 1814  | 0.00% | 0.000% |
| 388 | 17.094 | 17.074 | 17.117 | VV | 387    | 5705  | 0.01% | 0.001% |
| 389 | 17.173 | 17.117 | 17.179 | VV | 135    | 2835  | 0.01% | 0.000% |
| 390 | 17.183 | 17.179 | 17.190 | VV | 184    | 715   | 0.00% | 0.000% |
| 391 | 17.209 | 17.190 | 17.229 | VV | 285    | 3826  | 0.01% | 0.001% |
| 392 | 17.234 | 17.229 | 17.237 | VV | 158    | 591   | 0.00% | 0.000% |
| 393 | 17.245 | 17.237 | 17.256 | VV | 317    | 1854  | 0.00% | 0.000% |
| 394 | 17.263 | 17.256 | 17.279 | VV | 202    | 1742  | 0.00% | 0.000% |
| 395 | 17.308 | 17.279 | 17.331 | PV | 156    | 2669  | 0.00% | 0.000% |
| 396 | 17.338 | 17.331 | 17.346 | PV | 177    | 979   | 0.00% | 0.000% |
| 397 | 17.351 | 17.346 | 17.356 | VV | 166    | 660   | 0.00% | 0.000% |
| 398 | 17.362 | 17.356 | 17.374 | VV | 231    | 1454  | 0.00% | 0.000% |
| 399 | 17.397 | 17.374 | 17.412 | PV | 533    | 7612  | 0.01% | 0.001% |
| 400 | 17.438 | 17.412 | 17.476 | VV | 1948   | 29864 | 0.06% | 0.005% |
| 401 | 17.484 | 17.476 | 17.498 | VV | 150    | 1606  | 0.00% | 0.000% |
| 402 | 17.529 | 17.498 | 17.579 | VV | 1102   | 24313 | 0.05% | 0.004% |
| 403 | 17.585 | 17.579 | 17.596 | VV | 340    | 3086  | 0.01% | 0.000% |
| 404 | 17.611 | 17.596 | 17.625 | VV | 413    | 5861  | 0.01% | 0.001% |



|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 405 | 17.650 | 17.625 | 17.686 | VV | 599    | 13374  | 0.02% | 0.002% |
| 406 | 17.712 | 17.686 | 17.717 | VV | 384    | 4982   | 0.01% | 0.001% |
| 407 | 17.741 | 17.717 | 17.757 | VV | 598    | 9581   | 0.02% | 0.001% |
| 408 | 17.761 | 17.757 | 17.766 | VV | 375    | 1415   | 0.00% | 0.000% |
| 409 | 17.771 | 17.766 | 17.787 | VV | 321    | 2925   | 0.01% | 0.000% |
| 410 | 17.859 | 17.787 | 17.926 | VV | 3963   | 124409 | 0.23% | 0.019% |
| 411 | 17.931 | 17.926 | 17.939 | VV | 513    | 3729   | 0.01% | 0.001% |
| 412 | 17.956 | 17.939 | 17.973 | VV | 607    | 9726   | 0.02% | 0.002% |
| 413 | 17.986 | 17.973 | 18.000 | VV | 510    | 6042   | 0.01% | 0.001% |
| 414 | 18.004 | 18.000 | 18.024 | VV | 287    | 3662   | 0.01% | 0.001% |
| 415 | 18.050 | 18.024 | 18.069 | VV | 291    | 6707   | 0.01% | 0.001% |
| 416 | 18.077 | 18.069 | 18.084 | VV | 353    | 1986   | 0.00% | 0.000% |
| 417 | 18.089 | 18.084 | 18.094 | VV | 160    | 511    | 0.00% | 0.000% |
| 418 | 18.139 | 18.094 | 18.164 | VV | 465    | 10017  | 0.02% | 0.002% |
| 419 | 18.177 | 18.164 | 18.182 | VV | 279    | 1872   | 0.00% | 0.000% |
| 420 | 18.188 | 18.182 | 18.204 | VV | 295    | 1989   | 0.00% | 0.000% |
| 421 | 18.268 | 18.204 | 18.316 | PV | 2501   | 52574  | 0.10% | 0.008% |
| 422 | 18.367 | 18.316 | 18.391 | VV | 901    | 18002  | 0.03% | 0.003% |
| 423 | 18.407 | 18.391 | 18.412 | VV | 333    | 3384   | 0.01% | 0.001% |
| 424 | 18.416 | 18.412 | 18.438 | VV | 325    | 2498   | 0.00% | 0.000% |
| 425 | 18.451 | 18.438 | 18.459 | VV | 147    | 1276   | 0.00% | 0.000% |
| 426 | 18.461 | 18.459 | 18.469 | VV | 131    | 334    | 0.00% | 0.000% |
| 427 | 18.482 | 18.469 | 18.490 | PV | 106    | 787    | 0.00% | 0.000% |
| 428 | 18.546 | 18.490 | 18.561 | PV | 239    | 3373   | 0.01% | 0.001% |
| 429 | 18.570 | 18.561 | 18.577 | VV | 258    | 1521   | 0.00% | 0.000% |
| 430 | 18.587 | 18.577 | 18.596 | VV | 127    | 1177   | 0.00% | 0.000% |
| 431 | 18.665 | 18.596 | 18.719 | VV | 3078   | 79074  | 0.15% | 0.012% |
| 432 | 18.726 | 18.719 | 18.739 | VV | 573    | 6076   | 0.01% | 0.001% |
| 433 | 18.770 | 18.739 | 18.786 | VV | 727    | 14624  | 0.03% | 0.002% |
| 434 | 18.801 | 18.786 | 18.837 | VV | 526    | 11344  | 0.02% | 0.002% |
| 435 | 18.848 | 18.837 | 18.874 | VV | 310    | 3952   | 0.01% | 0.001% |
| 436 | 18.954 | 18.874 | 18.964 | PV | 339    | 9062   | 0.02% | 0.001% |
| 437 | 18.970 | 18.964 | 18.981 | VV | 338    | 1525   | 0.00% | 0.000% |
| 438 | 18.991 | 18.981 | 19.004 | VV | 220    | 1695   | 0.00% | 0.000% |
| 439 | 19.049 | 19.004 | 19.079 | PV | 2332   | 34037  | 0.06% | 0.005% |
| 440 | 19.096 | 19.079 | 19.127 | VV | 516    | 7740   | 0.01% | 0.001% |
| 441 | 19.161 | 19.127 | 19.171 | VV | 388    | 4901   | 0.01% | 0.001% |
| 442 | 19.176 | 19.171 | 19.180 | VV | 188    | 850    | 0.00% | 0.000% |
| 443 | 19.187 | 19.180 | 19.194 | VV | 199    | 1263   | 0.00% | 0.000% |
| 444 | 19.213 | 19.194 | 19.233 | VV | 398    | 6299   | 0.01% | 0.001% |
| 445 | 19.240 | 19.233 | 19.242 | VV | 175    | 832    | 0.00% | 0.000% |
| 446 | 19.250 | 19.242 | 19.259 | VV | 209    | 1794   | 0.00% | 0.000% |
| 447 | 19.297 | 19.259 | 19.304 | VV | 371    | 6395   | 0.01% | 0.001% |
| 448 | 19.331 | 19.304 | 19.354 | VV | 577    | 12603  | 0.02% | 0.002% |
| 449 | 19.379 | 19.354 | 19.386 | VV | 602    | 8217   | 0.02% | 0.001% |
| 450 | 19.421 | 19.386 | 19.450 | VV | 2385   | 44919  | 0.08% | 0.007% |
| 451 | 19.477 | 19.450 | 19.492 | VV | 690    | 14108  | 0.03% | 0.002% |
| 452 | 19.520 | 19.492 | 19.533 | VV | 774    | 13888  | 0.03% | 0.002% |
| 453 | 19.551 | 19.533 | 19.557 | VV | 722    | 8922   | 0.02% | 0.001% |
| 454 | 19.567 | 19.557 | 19.573 | VV | 679    | 5493   | 0.01% | 0.001% |
| 455 | 19.601 | 19.573 | 19.609 | VV | 914    | 14790  | 0.03% | 0.002% |
| 456 | 19.612 | 19.609 | 19.622 | VV | 777    | 4657   | 0.01% | 0.001% |

|     |        |        |        |    |       |        |       |        |  |
|-----|--------|--------|--------|----|-------|--------|-------|--------|--|
|     |        |        |        |    | rters |        |       |        |  |
| 457 | 19.626 | 19.622 | 19.629 | VV | 660   | 2496   | 0.00% | 0.000% |  |
| 458 | 19.673 | 19.629 | 19.685 | VV | 1059  | 29146  | 0.05% | 0.005% |  |
| 459 | 19.689 | 19.685 | 19.709 | VV | 989   | 12152  | 0.02% | 0.002% |  |
| 460 | 19.726 | 19.709 | 19.742 | VV | 965   | 16431  | 0.03% | 0.003% |  |
| 461 | 19.786 | 19.742 | 19.820 | VV | 3512  | 84597  | 0.16% | 0.013% |  |
| 462 | 19.838 | 19.820 | 19.854 | VV | 1578  | 29921  | 0.06% | 0.005% |  |
| 463 | 19.882 | 19.854 | 19.896 | VV | 1946  | 42823  | 0.08% | 0.007% |  |
| 464 | 19.933 | 19.896 | 19.941 | VV | 2111  | 52338  | 0.10% | 0.008% |  |
| 465 | 19.944 | 19.941 | 19.948 | VV | 2086  | 8808   | 0.02% | 0.001% |  |
| 466 | 19.966 | 19.948 | 19.984 | VV | 1994  | 40790  | 0.08% | 0.006% |  |
| 467 | 20.008 | 19.984 | 20.021 | VV | 2058  | 41964  | 0.08% | 0.007% |  |
| 468 | 20.024 | 20.021 | 20.027 | VV | 1939  | 7791   | 0.01% | 0.001% |  |
| 469 | 20.031 | 20.027 | 20.037 | VV | 1890  | 10885  | 0.02% | 0.002% |  |
| 470 | 20.050 | 20.037 | 20.070 | VV | 2140  | 39406  | 0.07% | 0.006% |  |
| 471 | 20.139 | 20.070 | 20.174 | VV | 4767  | 176276 | 0.33% | 0.028% |  |
| 472 | 20.205 | 20.174 | 20.209 | VV | 2993  | 59475  | 0.11% | 0.009% |  |
| 473 | 20.237 | 20.209 | 20.246 | VV | 3175  | 66412  | 0.12% | 0.010% |  |
| 474 | 20.276 | 20.246 | 20.280 | VV | 3413  | 65881  | 0.12% | 0.010% |  |
| 475 | 20.296 | 20.280 | 20.302 | VV | 3575  | 46149  | 0.09% | 0.007% |  |
| 476 | 20.311 | 20.302 | 20.320 | VV | 3572  | 37239  | 0.07% | 0.006% |  |
| 477 | 20.376 | 20.320 | 20.382 | VV | 4069  | 140959 | 0.26% | 0.022% |  |
| 478 | 20.392 | 20.382 | 20.435 | VV | 4386  | 132059 | 0.25% | 0.021% |  |
| 479 | 20.487 | 20.435 | 20.514 | VV | 6436  | 228715 | 0.43% | 0.036% |  |
| 480 | 20.545 | 20.514 | 20.566 | VV | 4225  | 127589 | 0.24% | 0.020% |  |
| 481 | 20.571 | 20.566 | 20.584 | VV | 4094  | 44340  | 0.08% | 0.007% |  |
| 482 | 20.588 | 20.584 | 20.636 | VV | 4183  | 121927 | 0.23% | 0.019% |  |
| 483 | 20.662 | 20.636 | 20.689 | VV | 3792  | 118349 | 0.22% | 0.019% |  |
| 484 | 20.694 | 20.689 | 20.699 | VV | 3620  | 21273  | 0.04% | 0.003% |  |
| 485 | 20.734 | 20.699 | 20.741 | VV | 3725  | 93082  | 0.17% | 0.015% |  |
| 486 | 20.763 | 20.741 | 20.793 | VV | 3817  | 112326 | 0.21% | 0.018% |  |
| 487 | 20.801 | 20.793 | 20.827 | VV | 3328  | 62543  | 0.12% | 0.010% |  |
| 488 | 20.861 | 20.827 | 20.909 | VV | 4566  | 156841 | 0.29% | 0.025% |  |
| 489 | 20.912 | 20.909 | 20.921 | VV | 2212  | 14719  | 0.03% | 0.002% |  |
| 490 | 20.930 | 20.921 | 20.943 | VV | 2143  | 27419  | 0.05% | 0.004% |  |
| 491 | 20.952 | 20.943 | 20.961 | VV | 2097  | 21721  | 0.04% | 0.003% |  |
| 492 | 20.966 | 20.961 | 20.972 | VV | 2091  | 13660  | 0.03% | 0.002% |  |
| 493 | 20.985 | 20.972 | 20.998 | VV | 1987  | 28511  | 0.05% | 0.004% |  |
| 494 | 21.003 | 20.998 | 21.007 | VV | 1702  | 9582   | 0.02% | 0.001% |  |
| 495 | 21.019 | 21.007 | 21.037 | VV | 1802  | 29305  | 0.05% | 0.005% |  |
| 496 | 21.042 | 21.037 | 21.075 | VV | 1527  | 31162  | 0.06% | 0.005% |  |
| 497 | 21.081 | 21.075 | 21.101 | VV | 1323  | 18517  | 0.03% | 0.003% |  |
| 498 | 21.136 | 21.101 | 21.140 | VV | 1338  | 29532  | 0.06% | 0.005% |  |
| 499 | 21.156 | 21.140 | 21.162 | VV | 1444  | 18012  | 0.03% | 0.003% |  |
| 500 | 21.174 | 21.162 | 21.184 | VV | 1445  | 17719  | 0.03% | 0.003% |  |
| 501 | 21.191 | 21.184 | 21.195 | VV | 1478  | 9048   | 0.02% | 0.001% |  |
| 502 | 21.200 | 21.195 | 21.217 | VV | 1445  | 16965  | 0.03% | 0.003% |  |
| 503 | 21.225 | 21.217 | 21.247 | VV | 1282  | 20491  | 0.04% | 0.003% |  |
| 504 | 21.285 | 21.247 | 21.351 | VV | 2877  | 89796  | 0.17% | 0.014% |  |
| 505 | 21.359 | 21.351 | 21.380 | VV | 209   | 2338   | 0.00% | 0.000% |  |

Sum of corrected areas: 639270766