

rteres

Instrument :

FID\_F

ClientSampleId :

TP-14-A-WESTMSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF11112  
 Data File : FF011684.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Nov 2022 17:08  
 Sample : N5538-01MSD  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/14/2022  
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF110422.M  
 Title :

Signal : FID2B.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         | 1.605       | 1.597        | 1.620      | BV       | 4444           | 49017        | 0.74%          | 0.010%        |
| 2         | 1.633       | 1.620        | 1.649      | VV       | 6620           | 93904        | 1.43%          | 0.020%        |
| 3         | 1.659       | 1.649        | 1.670      | VV       | 4911           | 59605        | 0.91%          | 0.012%        |
| 4         | 1.685       | 1.670        | 1.729      | VV       | 6392           | 163331       | 2.48%          | 0.034%        |
| 5         | 1.747       | 1.729        | 1.767      | VV       | 4822           | 88489        | 1.34%          | 0.018%        |
| 6         | 1.776       | 1.767        | 1.820      | VV       | 3857           | 106046       | 1.61%          | 0.022%        |
| 7         | 1.825       | 1.820        | 1.840      | VV       | 3014           | 34864        | 0.53%          | 0.007%        |
| 8         | 1.859       | 1.840        | 1.879      | VV       | 3417           | 71557        | 1.09%          | 0.015%        |
| 9         | 1.896       | 1.879        | 1.913      | VV       | 3108           | 58374        | 0.89%          | 0.012%        |
| 10        | 1.927       | 1.913        | 1.943      | VV       | 3194           | 54094        | 0.82%          | 0.011%        |
| 11        | 1.950       | 1.943        | 1.986      | VV       | 3050           | 72599        | 1.10%          | 0.015%        |
| 12        | 2.001       | 1.986        | 2.016      | VV       | 2716           | 47490        | 0.72%          | 0.010%        |
| 13        | 2.027       | 2.016        | 2.057      | VV       | 2654           | 58743        | 0.89%          | 0.012%        |
| 14        | 2.090       | 2.057        | 2.154      | VV       | 163540         | 1948474      | 29.61%         | 0.406%        |
| 15        | 2.171       | 2.154        | 2.224      | VV       | 2280           | 77170        | 1.17%          | 0.016%        |
| 16        | 2.233       | 2.224        | 2.264      | VV       | 1626           | 37996        | 0.58%          | 0.008%        |
| 17        | 2.281       | 2.264        | 2.299      | VV       | 2007           | 35845        | 0.54%          | 0.007%        |
| 18        | 2.303       | 2.299        | 2.308      | VV       | 1665           | 8805         | 0.13%          | 0.002%        |
| 19        | 2.317       | 2.308        | 2.322      | VV       | 2035           | 16260        | 0.25%          | 0.003%        |
| 20        | 2.328       | 2.322        | 2.351      | VV       | 2119           | 30938        | 0.47%          | 0.006%        |
| 21        | 2.354       | 2.351        | 2.367      | VV       | 1574           | 14498        | 0.22%          | 0.003%        |
| 22        | 2.372       | 2.367        | 2.380      | VV       | 1523           | 11805        | 0.18%          | 0.002%        |
| 23        | 2.395       | 2.380        | 2.429      | VV       | 2300           | 50507        | 0.77%          | 0.011%        |
| 24        | 2.447       | 2.429        | 2.496      | VV       | 3511           | 75963        | 1.15%          | 0.016%        |
| 25        | 2.507       | 2.496        | 2.528      | VV       | 1316           | 22074        | 0.34%          | 0.005%        |
| 26        | 2.535       | 2.528        | 2.541      | VV       | 1205           | 9458         | 0.14%          | 0.002%        |
| 27        | 2.561       | 2.541        | 2.576      | VV       | 1269           | 25126        | 0.38%          | 0.005%        |
| 28        | 2.580       | 2.576        | 2.596      | VV       | 1193           | 12891        | 0.20%          | 0.003%        |
| 29        | 2.599       | 2.596        | 2.621      | VV       | 1113           | 15290        | 0.23%          | 0.003%        |
| 30        | 2.624       | 2.621        | 2.629      | VV       | 1040           | 5312         | 0.08%          | 0.001%        |
| 31        | 2.635       | 2.629        | 2.644      | VV       | 1024           | 8098         | 0.12%          | 0.002%        |
| 32        | 2.669       | 2.644        | 2.710      | VV       | 1511           | 47775        | 0.73%          | 0.010%        |
| 33        | 2.731       | 2.710        | 2.756      | VV       | 1289           | 31074        | 0.47%          | 0.006%        |
| 34        | 2.780       | 2.756        | 2.812      | VV       | 1609           | 43234        | 0.66%          | 0.009%        |
| 35        | 2.817       | 2.812        | 2.841      | VV       | 1150           | 17472        | 0.27%          | 0.004%        |
| 36        | 2.851       | 2.841        | 2.882      | VV       | 1033           | 22858        | 0.35%          | 0.005%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rters  |         |        |        |
| 37 | 2.927 | 2.882 | 2.942 | VV | 1170   | 36606   | 0.56%  | 0.008% |
| 38 | 2.961 | 2.942 | 2.978 | VV | 1615   | 27930   |        |        |
| 39 | 3.003 | 2.978 | 3.045 | VV | 12248  | 246327  |        |        |
| 40 | 3.050 | 3.045 | 3.094 | VV | 3282   | 69636   |        |        |
| 41 | 3.099 | 3.094 | 3.116 | VV | 1738   | 21151   |        |        |
| 42 | 3.127 | 3.116 | 3.160 | VV | 1552   | 37355   |        |        |
| 43 | 3.169 | 3.160 | 3.191 | VV | 1393   | 24052   | 0.37%  | 0.005% |
| 44 | 3.196 | 3.191 | 3.206 | VV | 1242   | 10927   | 0.17%  | 0.002% |
| 45 | 3.228 | 3.206 | 3.261 | VV | 2575   | 53766   | 0.82%  | 0.011% |
| 46 | 3.273 | 3.261 | 3.315 | VV | 1479   | 38244   | 0.58%  | 0.008% |
| 47 | 3.360 | 3.315 | 3.375 | VV | 1282   | 38980   | 0.59%  | 0.008% |
| 48 | 3.382 | 3.375 | 3.418 | VV | 1207   | 26124   | 0.40%  | 0.005% |
| 49 | 3.423 | 3.418 | 3.443 | VV | 931    | 13039   | 0.20%  | 0.003% |
| 50 | 3.459 | 3.443 | 3.502 | VV | 1543   | 44130   | 0.67%  | 0.009% |
| 51 | 3.505 | 3.502 | 3.539 | VV | 1240   | 24757   | 0.38%  | 0.005% |
| 52 | 3.543 | 3.539 | 3.548 | VV | 1068   | 5610    | 0.09%  | 0.001% |
| 53 | 3.580 | 3.548 | 3.596 | VV | 1353   | 34350   | 0.52%  | 0.007% |
| 54 | 3.604 | 3.596 | 3.637 | VV | 1304   | 28742   | 0.44%  | 0.006% |
| 55 | 3.645 | 3.637 | 3.658 | VV | 1156   | 14003   | 0.21%  | 0.003% |
| 56 | 3.680 | 3.658 | 3.696 | VV | 1668   | 31935   | 0.49%  | 0.007% |
| 57 | 3.723 | 3.696 | 3.744 | VV | 2190   | 52825   | 0.80%  | 0.011% |
| 58 | 3.758 | 3.744 | 3.785 | VV | 1846   | 41926   | 0.64%  | 0.009% |
| 59 | 3.811 | 3.785 | 3.866 | VV | 3179   | 108933  | 1.66%  | 0.023% |
| 60 | 3.893 | 3.866 | 3.904 | VV | 2170   | 43997   | 0.67%  | 0.009% |
| 61 | 3.910 | 3.904 | 3.934 | VV | 2074   | 30085   | 0.46%  | 0.006% |
| 62 | 3.947 | 3.934 | 3.964 | VV | 1613   | 25371   | 0.39%  | 0.005% |
| 63 | 3.974 | 3.964 | 3.984 | VV | 1372   | 16495   | 0.25%  | 0.003% |
| 64 | 3.997 | 3.984 | 4.034 | VV | 1926   | 38985   | 0.59%  | 0.008% |
| 65 | 4.052 | 4.034 | 4.063 | VV | 1294   | 20022   | 0.30%  | 0.004% |
| 66 | 4.070 | 4.063 | 4.109 | VV | 1172   | 25229   | 0.38%  | 0.005% |
| 67 | 4.145 | 4.109 | 4.175 | VV | 9775   | 143491  | 2.18%  | 0.030% |
| 68 | 4.203 | 4.175 | 4.236 | VV | 5741   | 109513  | 1.66%  | 0.023% |
| 69 | 4.256 | 4.236 | 4.291 | VV | 1631   | 40889   | 0.62%  | 0.009% |
| 70 | 4.318 | 4.291 | 4.343 | VV | 14057  | 262736  | 3.99%  | 0.055% |
| 71 | 4.355 | 4.343 | 4.414 | VV | 11742  | 253198  | 3.85%  | 0.053% |
| 72 | 4.419 | 4.414 | 4.482 | VV | 2669   | 83268   | 1.27%  | 0.017% |
| 73 | 4.509 | 4.482 | 4.539 | VH | 2027   | 56188   | 0.85%  | 0.012% |
| 74 | 4.567 | 4.539 | 4.582 | HH | 2130   | 47029   | 0.71%  | 0.010% |
| 75 | 4.612 | 4.582 | 4.639 | HH | 218448 | 2272426 | 34.53% | 0.474% |
| 76 | 4.654 | 4.639 | 4.669 | HH | 2389   | 34256   | 0.52%  | 0.007% |
| 77 | 4.686 | 4.669 | 4.729 | HH | 2506   | 65409   | 0.99%  | 0.014% |
| 78 | 4.743 | 4.729 | 4.753 | HH | 1538   | 21077   | 0.32%  | 0.004% |
| 79 | 4.781 | 4.753 | 4.808 | HH | 3854   | 73936   | 1.12%  | 0.015% |
| 80 | 4.843 | 4.808 | 4.880 | HH | 9898   | 200344  | 3.04%  | 0.042% |
| 81 | 4.895 | 4.880 | 4.936 | HH | 3606   | 81639   | 1.24%  | 0.017% |
| 82 | 4.978 | 4.936 | 5.003 | HH | 5461   | 111934  | 1.70%  | 0.023% |
| 83 | 5.025 | 5.003 | 5.042 | HH | 2614   | 51837   | 0.79%  | 0.011% |
| 84 | 5.055 | 5.042 | 5.100 | HH | 3121   | 80795   | 1.23%  | 0.017% |
| 85 | 5.125 | 5.100 | 5.148 | HH | 3070   | 66986   | 1.02%  | 0.014% |
| 86 | 5.163 | 5.148 | 5.176 | HH | 2142   | 34438   | 0.52%  | 0.007% |
| 87 | 5.191 | 5.176 | 5.211 | HH | 2432   | 46914   | 0.71%  | 0.010% |
| 88 | 5.224 | 5.211 | 5.244 | HH | 2398   | 41815   | 0.64%  | 0.009% |
| 89 | 5.270 | 5.244 | 5.274 | HH | 3193   | 47346   | 0.72%  | 0.010% |

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|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 5.299 | 5.274 | 5.312 | HH | 4595   | 86059   | 1.31%  | 0.018% |
| 91  | 5.319 | 5.312 | 5.336 | HH | 3794   | 50999   |        |        |
| 92  | 5.366 | 5.336 | 5.381 | HH | 5709   | 125549  |        |        |
| 93  | 5.396 | 5.381 | 5.407 | HH | 7647   | 99545   |        |        |
| 94  | 5.415 | 5.407 | 5.469 | HH | 6845   | 159368  |        |        |
| 95  | 5.494 | 5.469 | 5.505 | HH | 6614   | 95327   |        |        |
| 96  | 5.512 | 5.505 | 5.534 | HH | 5917   | 86495   | 1.31%  | 0.018% |
| 97  | 5.551 | 5.534 | 5.580 | HH | 8396   | 145939  | 2.22%  | 0.030% |
| 98  | 5.593 | 5.580 | 5.604 | HH | 3688   | 49765   | 0.76%  | 0.010% |
| 99  | 5.619 | 5.604 | 5.638 | HH | 6753   | 98243   | 1.49%  | 0.020% |
| 100 | 5.652 | 5.638 | 5.661 | HH | 3936   | 48097   | 0.73%  | 0.010% |
| 101 | 5.682 | 5.661 | 5.726 | HH | 30345  | 429256  | 6.52%  | 0.089% |
| 102 | 5.747 | 5.726 | 5.776 | HH | 7062   | 170142  | 2.59%  | 0.035% |
| 103 | 5.798 | 5.776 | 5.837 | HH | 10718  | 236307  | 3.59%  | 0.049% |
| 104 | 5.849 | 5.837 | 5.861 | HH | 4924   | 62015   | 0.94%  | 0.013% |
| 105 | 5.872 | 5.861 | 5.888 | HH | 4178   | 60360   | 0.92%  | 0.013% |
| 106 | 5.896 | 5.888 | 5.911 | HH | 3737   | 47663   | 0.72%  | 0.010% |
| 107 | 5.934 | 5.911 | 5.965 | HH | 8740   | 177680  | 2.70%  | 0.037% |
| 108 | 5.986 | 5.965 | 5.997 | HH | 5464   | 93315   | 1.42%  | 0.019% |
| 109 | 6.016 | 5.997 | 6.033 | HH | 6899   | 121824  | 1.85%  | 0.025% |
| 110 | 6.056 | 6.033 | 6.068 | HH | 7049   | 131234  | 1.99%  | 0.027% |
| 111 | 6.080 | 6.068 | 6.101 | HH | 8187   | 125979  | 1.91%  | 0.026% |
| 112 | 6.132 | 6.101 | 6.144 | HH | 5466   | 133254  | 2.02%  | 0.028% |
| 113 | 6.157 | 6.144 | 6.202 | HH | 6950   | 177220  | 2.69%  | 0.037% |
| 114 | 6.224 | 6.202 | 6.238 | HH | 4978   | 90580   | 1.38%  | 0.019% |
| 115 | 6.278 | 6.238 | 6.299 | HH | 10044  | 253580  | 3.85%  | 0.053% |
| 116 | 6.315 | 6.299 | 6.344 | HH | 12380  | 213372  | 3.24%  | 0.044% |
| 117 | 6.385 | 6.344 | 6.410 | HH | 81381  | 988084  | 15.01% | 0.206% |
| 118 | 6.419 | 6.410 | 6.443 | HH | 10775  | 168457  | 2.56%  | 0.035% |
| 119 | 6.465 | 6.443 | 6.475 | HH | 7957   | 135480  | 2.06%  | 0.028% |
| 120 | 6.484 | 6.475 | 6.490 | HH | 7733   | 67839   | 1.03%  | 0.014% |
| 121 | 6.504 | 6.490 | 6.530 | HH | 8374   | 187632  | 2.85%  | 0.039% |
| 122 | 6.544 | 6.530 | 6.553 | HH | 7477   | 99327   | 1.51%  | 0.021% |
| 123 | 6.569 | 6.553 | 6.587 | HH | 9796   | 165422  | 2.51%  | 0.034% |
| 124 | 6.604 | 6.587 | 6.624 | HH | 8033   | 159948  | 2.43%  | 0.033% |
| 125 | 6.649 | 6.624 | 6.662 | HH | 8724   | 174243  | 2.65%  | 0.036% |
| 126 | 6.690 | 6.662 | 6.705 | HH | 16531  | 301109  | 4.58%  | 0.063% |
| 127 | 6.722 | 6.705 | 6.748 | HH | 31270  | 471637  | 7.17%  | 0.098% |
| 128 | 6.773 | 6.748 | 6.795 | HH | 254210 | 2674877 | 40.64% | 0.557% |
| 129 | 6.809 | 6.795 | 6.834 | HH | 18897  | 303436  | 4.61%  | 0.063% |
| 130 | 6.864 | 6.834 | 6.876 | HH | 11622  | 247653  | 3.76%  | 0.052% |
| 131 | 6.882 | 6.876 | 6.892 | HH | 10522  | 96487   | 1.47%  | 0.020% |
| 132 | 6.904 | 6.892 | 6.912 | HH | 11574  | 133018  | 2.02%  | 0.028% |
| 133 | 6.927 | 6.912 | 6.946 | HH | 18979  | 290077  | 4.41%  | 0.060% |
| 134 | 6.966 | 6.946 | 6.989 | HH | 20840  | 377732  | 5.74%  | 0.079% |
| 135 | 7.000 | 6.989 | 7.012 | HH | 10465  | 131201  | 1.99%  | 0.027% |
| 136 | 7.050 | 7.012 | 7.070 | HH | 12757  | 383509  | 5.83%  | 0.080% |
| 137 | 7.099 | 7.070 | 7.128 | HH | 14329  | 436382  | 6.63%  | 0.091% |
| 138 | 7.143 | 7.128 | 7.159 | HH | 13791  | 237311  | 3.61%  | 0.049% |
| 139 | 7.181 | 7.159 | 7.197 | HH | 15881  | 311895  | 4.74%  | 0.065% |
| 140 | 7.210 | 7.197 | 7.221 | HH | 15084  | 193264  | 2.94%  | 0.040% |
| 141 | 7.243 | 7.221 | 7.262 | HH | 19015  | 377265  | 5.73%  | 0.079% |

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1.31% 0.018%

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Supervised By :Ankita Jodhani 11/14/2022

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    |        |         |        |        |
|     |       |       |       |    | rters  |         |        |        |
| 142 | 7.280 | 7.262 | 7.294 | HH | 20841  | 324190  | 4.93%  | 0.068% |
| 143 | 7.308 | 7.294 | 7.324 | HH | 21780  | 332603  |        |        |
| 144 | 7.343 | 7.324 | 7.370 | HH | 27525  | 542853  |        |        |
| 145 | 7.403 | 7.370 | 7.423 | HH | 21184  | 558537  |        |        |
|     |       |       |       |    |        |         |        |        |
| 146 | 7.443 | 7.423 | 7.466 | HH | 22274  | 467354  |        |        |
| 147 | 7.492 | 7.466 | 7.501 | HH | 28539  | 448446  |        |        |
| 148 | 7.510 | 7.501 | 7.533 | HH | 28660  | 449394  | 6.83%  | 0.094% |
| 149 | 7.547 | 7.533 | 7.564 | HH | 20605  | 336022  | 5.11%  | 0.070% |
| 150 | 7.595 | 7.564 | 7.613 | HH | 24390  | 561399  | 8.53%  | 0.117% |
|     |       |       |       |    |        |         |        |        |
| 151 | 7.641 | 7.613 | 7.657 | HH | 20546  | 473638  | 7.20%  | 0.099% |
| 152 | 7.683 | 7.657 | 7.696 | HH | 23202  | 476894  | 7.25%  | 0.099% |
| 153 | 7.716 | 7.696 | 7.746 | HH | 38311  | 787535  | 11.97% | 0.164% |
| 154 | 7.784 | 7.746 | 7.797 | HH | 24311  | 672875  | 10.22% | 0.140% |
| 155 | 7.809 | 7.797 | 7.825 | HH | 25408  | 399665  | 6.07%  | 0.083% |
|     |       |       |       |    |        |         |        |        |
| 156 | 7.852 | 7.825 | 7.868 | HH | 28818  | 651752  | 9.90%  | 0.136% |
| 157 | 7.878 | 7.868 | 7.882 | HH | 26027  | 214460  | 3.26%  | 0.045% |
| 158 | 7.899 | 7.882 | 7.921 | HH | 31069  | 641791  | 9.75%  | 0.134% |
| 159 | 7.933 | 7.921 | 7.962 | HH | 26896  | 571003  | 8.68%  | 0.119% |
| 160 | 7.981 | 7.962 | 7.990 | HH | 26262  | 402202  | 6.11%  | 0.084% |
|     |       |       |       |    |        |         |        |        |
| 161 | 8.012 | 7.990 | 8.045 | HH | 39761  | 990617  | 15.05% | 0.206% |
| 162 | 8.059 | 8.045 | 8.081 | HH | 27380  | 548170  | 8.33%  | 0.114% |
| 163 | 8.109 | 8.081 | 8.129 | HH | 56423  | 1028221 | 15.62% | 0.214% |
| 164 | 8.154 | 8.129 | 8.170 | HH | 34924  | 768270  | 11.67% | 0.160% |
| 165 | 8.180 | 8.170 | 8.188 | HH | 31104  | 339326  | 5.16%  | 0.071% |
|     |       |       |       |    |        |         |        |        |
| 166 | 8.203 | 8.188 | 8.224 | HH | 32906  | 639929  | 9.72%  | 0.133% |
| 167 | 8.248 | 8.224 | 8.262 | HH | 30429  | 653287  | 9.93%  | 0.136% |
| 168 | 8.295 | 8.262 | 8.312 | HH | 37608  | 997270  | 15.15% | 0.208% |
| 169 | 8.336 | 8.312 | 8.385 | HH | 92416  | 2133198 | 32.41% | 0.445% |
| 170 | 8.417 | 8.385 | 8.454 | HH | 48216  | 1575434 | 23.94% | 0.328% |
|     |       |       |       |    |        |         |        |        |
| 171 | 8.478 | 8.454 | 8.499 | HH | 48788  | 1112982 | 16.91% | 0.232% |
| 172 | 8.522 | 8.499 | 8.534 | HH | 38898  | 758627  | 11.53% | 0.158% |
| 173 | 8.552 | 8.534 | 8.562 | HH | 41449  | 671018  | 10.20% | 0.140% |
| 174 | 8.599 | 8.562 | 8.628 | HH | 279329 | 4153782 | 63.11% | 0.866% |
| 175 | 8.643 | 8.628 | 8.661 | HH | 42798  | 798242  | 12.13% | 0.166% |
|     |       |       |       |    |        |         |        |        |
| 176 | 8.684 | 8.661 | 8.693 | HH | 43614  | 790102  | 12.00% | 0.165% |
| 177 | 8.710 | 8.693 | 8.733 | HH | 56011  | 1131871 | 17.20% | 0.236% |
| 178 | 8.763 | 8.733 | 8.807 | HH | 99716  | 2578936 | 39.18% | 0.537% |
| 179 | 8.820 | 8.807 | 8.831 | HH | 42805  | 601733  | 9.14%  | 0.125% |
| 180 | 8.866 | 8.831 | 8.884 | HH | 51946  | 1523663 | 23.15% | 0.318% |
|     |       |       |       |    |        |         |        |        |
| 181 | 8.888 | 8.884 | 8.917 | HH | 46898  | 828309  | 12.59% | 0.173% |
| 182 | 8.940 | 8.917 | 8.967 | HH | 56500  | 1413721 | 21.48% | 0.295% |
| 183 | 8.991 | 8.967 | 9.015 | HH | 65953  | 1617471 | 24.58% | 0.337% |
| 184 | 9.034 | 9.015 | 9.038 | HH | 57893  | 744606  | 11.31% | 0.155% |
| 185 | 9.062 | 9.038 | 9.084 | HH | 96495  | 1908353 | 29.00% | 0.398% |
|     |       |       |       |    |        |         |        |        |
| 186 | 9.100 | 9.084 | 9.109 | HH | 60512  | 866675  | 13.17% | 0.181% |
| 187 | 9.130 | 9.109 | 9.159 | HH | 106678 | 2244887 | 34.11% | 0.468% |
| 188 | 9.177 | 9.159 | 9.198 | HH | 51858  | 1163265 | 17.67% | 0.242% |
| 189 | 9.219 | 9.198 | 9.240 | HH | 60910  | 1407173 | 21.38% | 0.293% |
| 190 | 9.255 | 9.240 | 9.272 | HH | 56307  | 1049719 | 15.95% | 0.219% |
|     |       |       |       |    |        |         |        |        |
| 191 | 9.282 | 9.272 | 9.312 | HH | 54406  | 1268504 | 19.27% | 0.264% |
| 192 | 9.329 | 9.312 | 9.333 | HH | 53578  | 655916  | 9.97%  | 0.137% |
| 193 | 9.352 | 9.333 | 9.381 | HH | 61315  | 1615187 | 24.54% | 0.337% |
| 194 | 9.423 | 9.381 | 9.451 | HH | 87471  | 2598228 | 39.48% | 0.541% |

Instrument :

FID\_F

ClientSampleId :

TP-14-A-WESTMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2022  
Supervised By :Ankita Jodhani 11/14/2022

|        |        |        |        |    |        |         | Instrument :<br>FID_F               |        |
|--------|--------|--------|--------|----|--------|---------|-------------------------------------|--------|
|        |        |        |        |    |        |         | ClientSampleId :<br>TP-14-A-WESTMSD |        |
| rteres |        |        |        |    |        |         |                                     |        |
| 195    | 9.466  | 9.451  | 9.483  | HH | 54878  | 1027555 | 15.61%                              | 0.214% |
|        |        |        |        |    |        |         | Manual IntegrationsAPPROVED         |        |
| 196    | 9.513  | 9.483  | 9.542  | HH | 64109  | 1963035 | 29.11%                              | 0.214% |
| 197    | 9.562  | 9.542  | 9.591  | HH | 54439  | 1533675 | 23.38%                              | 0.214% |
| 198    | 9.606  | 9.591  | 9.616  | HH | 54120  | 781574  | 11.11%                              | 0.214% |
| 199    | 9.636  | 9.616  | 9.649  | HH | 60860  | 1125095 | 17.11%                              | 0.214% |
| 200    | 9.659  | 9.649  | 9.676  | HH | 61504  | 983038  | 14.11%                              | 0.214% |
|        |        |        |        |    |        |         |                                     |        |
| 201    | 9.685  | 9.676  | 9.695  | HH | 57198  | 630253  | 9.58%                               | 0.131% |
| 202    | 9.712  | 9.695  | 9.722  | HH | 60326  | 938174  | 14.25%                              | 0.196% |
| 203    | 9.742  | 9.722  | 9.773  | HH | 66411  | 1832455 | 27.84%                              | 0.382% |
| 204    | 9.798  | 9.773  | 9.807  | HH | 73146  | 1323702 | 20.11%                              | 0.276% |
| 205    | 9.821  | 9.807  | 9.854  | HH | 81743  | 1900044 | 28.87%                              | 0.396% |
|        |        |        |        |    |        |         |                                     |        |
| 206    | 9.879  | 9.854  | 9.893  | HH | 67826  | 1445497 | 21.96%                              | 0.301% |
| 207    | 9.899  | 9.893  | 9.918  | HH | 64936  | 920307  | 13.98%                              | 0.192% |
| 208    | 9.934  | 9.918  | 9.949  | HH | 64017  | 1157328 | 17.58%                              | 0.241% |
| 209    | 9.963  | 9.949  | 9.970  | HH | 62612  | 738568  | 11.22%                              | 0.154% |
| 210    | 9.981  | 9.970  | 10.006 | HH | 65074  | 1311825 | 19.93%                              | 0.273% |
|        |        |        |        |    |        |         |                                     |        |
| 211    | 10.025 | 10.006 | 10.032 | HH | 58727  | 912629  | 13.87%                              | 0.190% |
| 212    | 10.053 | 10.032 | 10.067 | HH | 60738  | 1244128 | 18.90%                              | 0.259% |
| 213    | 10.078 | 10.067 | 10.096 | HH | 58256  | 969294  | 14.73%                              | 0.202% |
| 214    | 10.117 | 10.096 | 10.132 | HH | 60798  | 1285354 | 19.53%                              | 0.268% |
| 215    | 10.156 | 10.132 | 10.170 | HH | 64091  | 1373620 | 20.87%                              | 0.286% |
|        |        |        |        |    |        |         |                                     |        |
| 216    | 10.174 | 10.170 | 10.179 | HH | 62789  | 360111  | 5.47%                               | 0.075% |
| 217    | 10.206 | 10.179 | 10.230 | HH | 316301 | 4551495 | 69.16%                              | 0.948% |
| 218    | 10.238 | 10.230 | 10.252 | HH | 63507  | 834028  | 12.67%                              | 0.174% |
| 219    | 10.265 | 10.252 | 10.274 | HH | 61270  | 779692  | 11.85%                              | 0.162% |
| 220    | 10.287 | 10.274 | 10.293 | HH | 60794  | 681580  | 10.36%                              | 0.142% |
|        |        |        |        |    |        |         |                                     |        |
| 221    | 10.309 | 10.293 | 10.327 | HH | 62439  | 1255956 | 19.08%                              | 0.262% |
| 222    | 10.336 | 10.327 | 10.356 | HH | 58389  | 977792  | 14.86%                              | 0.204% |
| 223    | 10.378 | 10.356 | 10.406 | HH | 63406  | 1784480 | 27.11%                              | 0.372% |
| 224    | 10.418 | 10.406 | 10.427 | HH | 60667  | 754219  | 11.46%                              | 0.157% |
| 225    | 10.442 | 10.427 | 10.462 | HH | 61407  | 1264387 | 19.21%                              | 0.263% |
|        |        |        |        |    |        |         |                                     |        |
| 226    | 10.480 | 10.462 | 10.497 | HH | 61968  | 1255257 | 19.07%                              | 0.262% |
| 227    | 10.550 | 10.497 | 10.565 | HH | 64148  | 2484168 | 37.74%                              | 0.518% |
| 228    | 10.594 | 10.565 | 10.618 | HH | 91568  | 2336181 | 35.50%                              | 0.487% |
| 229    | 10.648 | 10.618 | 10.662 | HH | 68177  | 1754847 | 26.66%                              | 0.366% |
| 230    | 10.680 | 10.662 | 10.704 | HH | 71680  | 1687696 | 25.64%                              | 0.352% |
|        |        |        |        |    |        |         |                                     |        |
| 231    | 10.743 | 10.704 | 10.769 | HH | 75848  | 2612789 | 39.70%                              | 0.544% |
| 232    | 10.797 | 10.769 | 10.818 | HH | 65845  | 1884150 | 28.63%                              | 0.393% |
| 233    | 10.846 | 10.818 | 10.865 | HH | 71009  | 1923616 | 29.23%                              | 0.401% |
| 234    | 10.877 | 10.865 | 10.896 | HH | 69232  | 1208776 | 18.37%                              | 0.252% |
| 235    | 10.944 | 10.896 | 10.983 | HH | 112883 | 4019800 | 61.08%                              | 0.838% |
|        |        |        |        |    |        |         |                                     |        |
| 236    | 11.017 | 10.983 | 11.045 | HH | 122978 | 3264053 | 49.59%                              | 0.680% |
| 237    | 11.056 | 11.045 | 11.106 | HH | 70410  | 2463510 | 37.43%                              | 0.513% |
| 238    | 11.117 | 11.106 | 11.131 | HH | 64853  | 932940  | 14.18%                              | 0.194% |
| 239    | 11.153 | 11.131 | 11.170 | HH | 68291  | 1538969 | 23.38%                              | 0.321% |
| 240    | 11.198 | 11.170 | 11.245 | HH | 79394  | 3169924 | 48.16%                              | 0.661% |
|        |        |        |        |    |        |         |                                     |        |
| 241    | 11.276 | 11.245 | 11.302 | HH | 94483  | 2567170 | 39.01%                              | 0.535% |
| 242    | 11.308 | 11.302 | 11.313 | HH | 67029  | 455688  | 6.92%                               | 0.095% |
| 243    | 11.335 | 11.313 | 11.353 | HH | 72615  | 1669639 | 25.37%                              | 0.348% |
| 244    | 11.368 | 11.353 | 11.386 | HH | 69069  | 1338234 | 20.33%                              | 0.279% |
| 245    | 11.394 | 11.386 | 11.414 | HH | 67443  | 1115811 | 16.95%                              | 0.233% |
|        |        |        |        |    |        |         |                                     |        |
| 246    | 11.432 | 11.414 | 11.445 | HH | 72355  | 1302674 | 19.79%                              | 0.271% |

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 247    | 11.452 | 11.445 | 11.467 | HH | 72021  | 934880  | 14.20% | 0.195% |  |
| 248    | 11.483 | 11.467 | 11.489 | HH | 69815  | 887218  | 13.88% | 0.188% |  |
| 249    | 11.506 | 11.489 | 11.532 | HH | 71334  | 1779944 | 27.68% | 0.568% |  |
| 250    | 11.559 | 11.532 | 11.569 | HH | 69271  | 1513888 | 23.88% | 0.568% |  |
| 251    | 11.593 | 11.569 | 11.606 | HH | 70518  | 1520942 | 23.88% | 1.054% |  |
| 252    | 11.614 | 11.606 | 11.620 | HH | 70689  | 591029  | 8.68%  | 0.188% |  |
| 253    | 11.649 | 11.620 | 11.677 | HH | 308402 | 5059789 | 76.88% | 0.081% |  |
| 254    | 11.682 | 11.677 | 11.687 | HH | 69161  | 388168  | 5.90%  | 0.169% |  |
| 255    | 11.691 | 11.687 | 11.707 | HH | 69637  | 830780  | 12.62% | 0.173% |  |
| 256    | 11.736 | 11.707 | 11.771 | HH | 99278  | 2991123 | 45.45% | 0.623% |  |
| 257    | 11.801 | 11.771 | 11.824 | HH | 68113  | 2080184 | 31.61% | 0.433% |  |
| 258    | 11.842 | 11.824 | 11.861 | HH | 66493  | 1425675 | 21.66% | 0.297% |  |
| 259    | 11.878 | 11.861 | 11.882 | HH | 65693  | 809478  | 12.30% | 0.169% |  |
| 260    | 11.896 | 11.882 | 11.919 | HH | 67910  | 1497736 | 22.76% | 0.312% |  |
| 261    | 11.950 | 11.919 | 11.989 | HH | 71375  | 2815812 | 42.78% | 0.587% |  |
| 262    | 12.006 | 11.989 | 12.015 | HH | 69414  | 1069068 | 16.24% | 0.223% |  |
| 263    | 12.032 | 12.015 | 12.074 | HH | 75449  | 2400430 | 36.47% | 0.500% |  |
| 264    | 12.118 | 12.074 | 12.137 | HH | 78841  | 2727341 | 41.44% | 0.568% |  |
| 265    | 12.155 | 12.137 | 12.168 | HH | 76506  | 1357149 | 20.62% | 0.283% |  |
| 266    | 12.180 | 12.168 | 12.231 | HH | 75294  | 2557498 | 38.86% | 0.533% |  |
| 267    | 12.254 | 12.231 | 12.259 | HH | 64461  | 1067319 | 16.22% | 0.222% |  |
| 268    | 12.314 | 12.259 | 12.352 | HH | 95353  | 4119450 | 62.59% | 0.858% |  |
| 269    | 12.365 | 12.352 | 12.379 | HH | 67449  | 1075375 | 16.34% | 0.224% |  |
| 270    | 12.395 | 12.379 | 12.422 | HH | 67769  | 1650004 | 25.07% | 0.344% |  |
| 271    | 12.446 | 12.422 | 12.462 | HH | 63748  | 1519582 | 23.09% | 0.317% |  |
| 272    | 12.472 | 12.462 | 12.496 | HH | 64037  | 1272517 | 19.33% | 0.265% |  |
| 273    | 12.518 | 12.496 | 12.524 | HH | 61250  | 994605  | 15.11% | 0.207% |  |
| 274    | 12.565 | 12.524 | 12.603 | HH | 138682 | 3890372 | 59.11% | 0.811% |  |
| 275    | 12.627 | 12.603 | 12.667 | HH | 65999  | 2383384 | 36.21% | 0.497% |  |
| 276    | 12.694 | 12.667 | 12.712 | HH | 62245  | 1645179 | 25.00% | 0.343% |  |
| 277    | 12.728 | 12.712 | 12.767 | HH | 63693  | 1988348 | 30.21% | 0.414% |  |
| 278    | 12.809 | 12.767 | 12.836 | HH | 61686  | 2439176 | 37.06% | 0.508% |  |
| 279    | 12.854 | 12.836 | 12.871 | HH | 65485  | 1296386 | 19.70% | 0.270% |  |
| 280    | 12.877 | 12.871 | 12.886 | HH | 59324  | 516063  | 7.84%  | 0.108% |  |
| 281    | 12.905 | 12.886 | 12.923 | HH | 68795  | 1412969 | 21.47% | 0.294% |  |
| 282    | 12.958 | 12.923 | 12.995 | HH | 276034 | 4983451 | 75.72% | 1.039% |  |
| 283    | 13.021 | 12.995 | 13.061 | HH | 139881 | 3107799 | 47.22% | 0.648% |  |
| 284    | 13.082 | 13.061 | 13.105 | HH | 54980  | 1402317 | 21.31% | 0.292% |  |
| 285    | 13.117 | 13.105 | 13.136 | HH | 52404  | 932223  | 14.16% | 0.194% |  |
| 286    | 13.158 | 13.136 | 13.171 | HH | 58012  | 1168844 | 17.76% | 0.244% |  |
| 287    | 13.188 | 13.171 | 13.200 | HH | 55324  | 916185  | 13.92% | 0.191% |  |
| 288    | 13.210 | 13.200 | 13.223 | HH | 56017  | 758205  | 11.52% | 0.158% |  |
| 289    | 13.232 | 13.223 | 13.253 | HH | 55878  | 972567  | 14.78% | 0.203% |  |
| 290    | 13.264 | 13.253 | 13.295 | HH | 52102  | 1267744 | 19.26% | 0.264% |  |
| 291    | 13.321 | 13.295 | 13.344 | HH | 168507 | 2677497 | 40.68% | 0.558% |  |
| 292    | 13.352 | 13.344 | 13.363 | HH | 53380  | 609800  | 9.27%  | 0.127% |  |
| 293    | 13.375 | 13.363 | 13.391 | HH | 55531  | 892280  | 13.56% | 0.186% |  |
| 294    | 13.406 | 13.391 | 13.430 | HH | 55066  | 1185466 | 18.01% | 0.247% |  |
| 295    | 13.449 | 13.430 | 13.477 | HH | 49383  | 1328893 | 20.19% | 0.277% |  |
| 296    | 13.495 | 13.477 | 13.499 | HH | 46964  | 605042  | 9.19%  | 0.126% |  |
| 297    | 13.518 | 13.499 | 13.543 | HH | 56940  | 1308522 | 19.88% | 0.273% |  |
| 298    | 13.580 | 13.543 | 13.605 | HH | 70624  | 2096792 | 31.86% | 0.437% |  |
| 299    | 13.628 | 13.605 | 13.643 | HH | 52565  | 1160063 | 17.63% | 0.242% |  |

Instrument :

FID\_F

ClientSampleId :

TP-14-A-WESTMSD

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 11/14/2022  
 Supervised By :Ankita Jodhani 11/14/2022

Instrument :

FID\_F

ClientSampleId :

TP-14-A-WESTMSD

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Reviewed By :Yogesh Patel 11/14/2022

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| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 300    | 13.653 | 13.643 | 13.682 | HH | 49343  | 1075413 | 16.34% | 0.224% |  |
| 301    | 13.714 | 13.682 | 13.729 | HH | 45080  | 1211506 | 18.11% | 0.224% |  |
| 302    | 13.743 | 13.729 | 13.759 | HH | 43625  | 761325  | 11.11% | 0.224% |  |
| 303    | 13.795 | 13.759 | 13.861 | HH | 84630  | 3096848 | 47.77% | 0.224% |  |
| 304    | 13.907 | 13.861 | 13.945 | HH | 59051  | 2320298 | 35.55% | 0.224% |  |
| 305    | 13.954 | 13.945 | 13.965 | HH | 39469  | 463244  | 7.11%  | 0.224% |  |
| 306    | 13.977 | 13.965 | 13.995 | HH | 39502  | 690857  | 10.50% | 0.144% |  |
| 307    | 14.016 | 13.995 | 14.036 | HH | 44549  | 994442  | 15.11% | 0.207% |  |
| 308    | 14.055 | 14.036 | 14.080 | HH | 49093  | 1089138 | 16.55% | 0.227% |  |
| 309    | 14.100 | 14.080 | 14.124 | HH | 40343  | 972465  | 14.78% | 0.203% |  |
| 310    | 14.156 | 14.124 | 14.178 | HH | 218936 | 3473110 | 52.77% | 0.724% |  |
| 311    | 14.184 | 14.178 | 14.203 | HH | 49198  | 633509  | 9.63%  | 0.132% |  |
| 312    | 14.224 | 14.203 | 14.246 | HH | 42969  | 979803  | 14.89% | 0.204% |  |
| 313    | 14.253 | 14.246 | 14.279 | HH | 33285  | 648571  | 9.85%  | 0.135% |  |
| 314    | 14.298 | 14.279 | 14.342 | HH | 34261  | 1192298 | 18.12% | 0.248% |  |
| 315    | 14.367 | 14.342 | 14.418 | HH | 33088  | 1389717 | 21.12% | 0.290% |  |
| 316    | 14.434 | 14.418 | 14.450 | HH | 29720  | 546814  | 8.31%  | 0.114% |  |
| 317    | 14.462 | 14.450 | 14.477 | HH | 28544  | 469014  | 7.13%  | 0.098% |  |
| 318    | 14.489 | 14.477 | 14.509 | HH | 29140  | 531471  | 8.08%  | 0.111% |  |
| 319    | 14.536 | 14.509 | 14.566 | HH | 30545  | 992988  | 15.09% | 0.207% |  |
| 320    | 14.573 | 14.566 | 14.578 | HH | 28332  | 196771  | 2.99%  | 0.041% |  |
| 321    | 14.604 | 14.578 | 14.620 | HH | 31325  | 749440  | 11.39% | 0.156% |  |
| 322    | 14.641 | 14.620 | 14.689 | HH | 39762  | 1273798 | 19.35% | 0.265% |  |
| 323    | 14.719 | 14.689 | 14.736 | HH | 38179  | 893708  | 13.58% | 0.186% |  |
| 324    | 14.743 | 14.736 | 14.780 | HH | 32393  | 764294  | 11.61% | 0.159% |  |
| 325    | 14.822 | 14.780 | 14.837 | HH | 35976  | 1046165 | 15.90% | 0.218% |  |
| 326    | 14.850 | 14.837 | 14.864 | HH | 32453  | 493237  | 7.49%  | 0.103% |  |
| 327    | 14.887 | 14.864 | 14.907 | HH | 56587  | 1049628 | 15.95% | 0.219% |  |
| 328    | 14.942 | 14.907 | 14.974 | HH | 36692  | 1229441 | 18.68% | 0.256% |  |
| 329    | 14.982 | 14.974 | 14.989 | HH | 24990  | 219194  | 3.33%  | 0.046% |  |
| 330    | 15.009 | 14.989 | 15.025 | HH | 29080  | 591738  | 8.99%  | 0.123% |  |
| 331    | 15.054 | 15.025 | 15.105 | HH | 133516 | 2697727 | 40.99% | 0.562% |  |
| 332    | 15.115 | 15.105 | 15.124 | HH | 23175  | 253290  | 3.85%  | 0.053% |  |
| 333    | 15.149 | 15.124 | 15.164 | HH | 32557  | 668492  | 10.16% | 0.139% |  |
| 334    | 15.196 | 15.164 | 15.216 | HH | 88442  | 1586393 | 24.10% | 0.331% |  |
| 335    | 15.259 | 15.216 | 15.317 | HH | 203708 | 4653535 | 70.71% | 0.970% |  |
| 336    | 15.358 | 15.317 | 15.387 | HH | 45411  | 1372341 | 20.85% | 0.286% |  |
| 337    | 15.403 | 15.387 | 15.416 | HH | 29211  | 490796  | 7.46%  | 0.102% |  |
| 338    | 15.432 | 15.416 | 15.467 | HH | 28635  | 771078  | 11.72% | 0.161% |  |
| 339    | 15.506 | 15.467 | 15.524 | HH | 35152  | 983754  | 14.95% | 0.205% |  |
| 340    | 15.541 | 15.524 | 15.581 | HH | 34702  | 989539  | 15.04% | 0.206% |  |
| 341    | 15.640 | 15.581 | 15.700 | HH | 57958  | 2351825 | 35.73% | 0.490% |  |
| 342    | 15.713 | 15.700 | 15.734 | HH | 26572  | 503553  | 7.65%  | 0.105% |  |
| 343    | 15.742 | 15.734 | 15.747 | HH | 23826  | 183343  | 2.79%  | 0.038% |  |
| 344    | 15.779 | 15.747 | 15.811 | HH | 35862  | 1149259 | 17.46% | 0.239% |  |
| 345    | 15.828 | 15.811 | 15.840 | HH | 30339  | 497435  | 7.56%  | 0.104% |  |
| 346    | 15.871 | 15.840 | 15.892 | HH | 56365  | 1227223 | 18.65% | 0.256% |  |
| 347    | 15.908 | 15.892 | 15.944 | HH | 37400  | 917073  | 13.93% | 0.191% |  |
| 348    | 15.989 | 15.944 | 15.996 | HH | 31049  | 861018  | 13.08% | 0.179% |  |
| 349    | 16.016 | 15.996 | 16.021 | HH | 38970  | 537911  | 8.17%  | 0.112% |  |
| 350    | 16.030 | 16.021 | 16.059 | HH | 39626  | 790101  | 12.00% | 0.165% |  |
| 351    | 16.069 | 16.059 | 16.087 | HH | 27903  | 451914  | 6.87%  | 0.094% |  |

|        |        |        |        |    |        |         | Instrument :<br>FID_F               |        |
|--------|--------|--------|--------|----|--------|---------|-------------------------------------|--------|
|        |        |        |        |    |        |         | ClientSampleId :<br>TP-14-A-WESTMSD |        |
| rteres |        |        |        |    |        |         |                                     |        |
| 352    | 16.109 | 16.087 | 16.133 | HH | 32590  | 787810  | 11.97%                              | 0.164% |
| 353    | 16.167 | 16.133 | 16.176 | HH | 28880  | 718527  | 10.84%                              | 0.142% |
| 354    | 16.193 | 16.176 | 16.207 | HH | 31728  | 550468  | 8.95%                               | 0.139% |
| 355    | 16.224 | 16.207 | 16.245 | HH | 34674  | 706344  | 10.84%                              | 0.164% |
|        |        |        |        |    |        |         | Manual IntegrationsAPPROVED         |        |
| 356    | 16.280 | 16.245 | 16.330 | HH | 195479 | 3704762 | 56.42%                              | 0.268% |
| 357    | 16.341 | 16.330 | 16.350 | HH | 26436  | 317527  | 4.29%                               | 0.088% |
| 358    | 16.356 | 16.350 | 16.363 | HH | 26383  | 194073  | 2.95%                               | 0.040% |
| 359    | 16.378 | 16.363 | 16.391 | HH | 27267  | 451271  | 6.86%                               | 0.094% |
| 360    | 16.406 | 16.391 | 16.432 | HH | 27119  | 648344  | 9.85%                               | 0.135% |
|        |        |        |        |    |        |         |                                     |        |
| 361    | 16.481 | 16.432 | 16.498 | HH | 43078  | 1288339 | 19.58%                              | 0.268% |
| 362    | 16.507 | 16.498 | 16.521 | HH | 32780  | 422796  | 6.42%                               | 0.088% |
| 363    | 16.539 | 16.521 | 16.556 | HH | 37737  | 680740  | 10.34%                              | 0.142% |
| 364    | 16.592 | 16.556 | 16.610 | HH | 39290  | 1135014 | 17.25%                              | 0.237% |
| 365    | 16.620 | 16.610 | 16.640 | HH | 33405  | 575062  | 8.74%                               | 0.120% |
|        |        |        |        |    |        |         |                                     |        |
| 366    | 16.685 | 16.640 | 16.710 | HH | 53815  | 1633804 | 24.82%                              | 0.340% |
| 367    | 16.760 | 16.710 | 16.779 | HH | 191014 | 3435744 | 52.20%                              | 0.716% |
| 368    | 16.786 | 16.779 | 16.819 | HH | 87569  | 1260311 | 19.15%                              | 0.263% |
| 369    | 16.847 | 16.819 | 16.864 | HH | 30582  | 800525  | 12.16%                              | 0.167% |
| 370    | 16.888 | 16.864 | 16.910 | HH | 66300  | 1229885 | 18.69%                              | 0.256% |
|        |        |        |        |    |        |         |                                     |        |
| 371    | 16.926 | 16.910 | 16.936 | HH | 34701  | 528210  | 8.03%                               | 0.110% |
| 372    | 16.946 | 16.936 | 16.966 | HH | 34043  | 576884  | 8.77%                               | 0.120% |
| 373    | 16.981 | 16.966 | 16.990 | HH | 32385  | 467095  | 7.10%                               | 0.097% |
| 374    | 17.007 | 16.990 | 17.024 | HH | 34880  | 666581  | 10.13%                              | 0.139% |
| 375    | 17.082 | 17.024 | 17.109 | HH | 143401 | 3292846 | 50.03%                              | 0.686% |
|        |        |        |        |    |        |         |                                     |        |
| 376    | 17.139 | 17.109 | 17.176 | HH | 152511 | 2724940 | 41.40%                              | 0.568% |
| 377    | 17.232 | 17.176 | 17.263 | HH | 229169 | 4470529 | 67.93%                              | 0.932% |
| 378    | 17.285 | 17.263 | 17.311 | HH | 38835  | 1019065 | 15.48%                              | 0.212% |
| 379    | 17.343 | 17.311 | 17.357 | HH | 35388  | 945022  | 14.36%                              | 0.197% |
| 380    | 17.382 | 17.357 | 17.425 | HH | 41671  | 1498661 | 22.77%                              | 0.312% |
|        |        |        |        |    |        |         |                                     |        |
| 381    | 17.443 | 17.425 | 17.464 | HH | 36434  | 774394  | 11.77%                              | 0.161% |
| 382    | 17.503 | 17.464 | 17.530 | HH | 42531  | 1490808 | 22.65%                              | 0.311% |
| 383    | 17.537 | 17.530 | 17.563 | HH | 37755  | 701687  | 10.66%                              | 0.146% |
| 384    | 17.576 | 17.563 | 17.585 | HH | 31774  | 414235  | 6.29%                               | 0.086% |
| 385    | 17.599 | 17.585 | 17.606 | HH | 32542  | 390440  | 5.93%                               | 0.081% |
|        |        |        |        |    |        |         |                                     |        |
| 386    | 17.637 | 17.606 | 17.648 | HH | 43630  | 996087  | 15.13%                              | 0.208% |
| 387    | 17.664 | 17.648 | 17.700 | HH | 45725  | 1224570 | 18.61%                              | 0.255% |
| 388    | 17.721 | 17.700 | 17.737 | HH | 37229  | 782072  | 11.88%                              | 0.163% |
| 389    | 17.751 | 17.737 | 17.763 | HH | 34470  | 520864  | 7.91%                               | 0.109% |
| 390    | 17.795 | 17.763 | 17.820 | HH | 39553  | 1224251 | 18.60%                              | 0.255% |
|        |        |        |        |    |        |         |                                     |        |
| 391    | 17.836 | 17.820 | 17.874 | HH | 36796  | 1109422 | 16.86%                              | 0.231% |
| 392    | 17.892 | 17.874 | 17.897 | HH | 32301  | 421559  | 6.41%                               | 0.088% |
| 393    | 17.924 | 17.897 | 17.958 | HH | 35656  | 1214744 | 18.46%                              | 0.253% |
| 394    | 17.981 | 17.958 | 18.003 | HH | 36072  | 895861  | 13.61%                              | 0.187% |
| 395    | 18.008 | 18.003 | 18.032 | HH | 31988  | 547345  | 8.32%                               | 0.114% |
|        |        |        |        |    |        |         |                                     |        |
| 396    | 18.058 | 18.032 | 18.079 | HH | 36755  | 972303  | 14.77%                              | 0.203% |
| 397    | 18.118 | 18.079 | 18.166 | HH | 192162 | 3998892 | 60.76%                              | 0.833% |
| 398    | 18.191 | 18.166 | 18.211 | HH | 41009  | 1028322 | 15.62%                              | 0.214% |
| 399    | 18.232 | 18.211 | 18.250 | HH | 44788  | 922223  | 14.01%                              | 0.192% |
| 400    | 18.272 | 18.250 | 18.288 | HH | 49907  | 986452  | 14.99%                              | 0.206% |
|        |        |        |        |    |        |         |                                     |        |
| 401    | 18.302 | 18.288 | 18.329 | HH | 44407  | 968894  | 14.72%                              | 0.202% |
| 402    | 18.356 | 18.329 | 18.383 | HH | 55743  | 1399320 | 21.26%                              | 0.292% |
| 403    | 18.416 | 18.383 | 18.434 | HH | 68278  | 1530369 | 23.25%                              | 0.319% |
| 404    | 18.442 | 18.434 | 18.463 | HH | 44541  | 711641  | 10.81%                              | 0.148% |

Instrument :

FID\_F

ClientSampleId :

TP-14-A-WESTMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2022  
Supervised By :Ankita Jodhani 11/14/2022

|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 405 | 18.509 | 18.463 | 18.531 | HH | 158409 | 3224149 | 48.99% | 0.672% |
| 406 | 18.545 | 18.531 | 18.575 | HH | 57563  | 1291025 | 19.00% | 0.672% |
| 407 | 18.589 | 18.575 | 18.613 | HH | 44675  | 919186  | 13.60% | 0.672% |
| 408 | 18.638 | 18.613 | 18.655 | HH | 66203  | 1307283 | 19.00% | 0.672% |
| 409 | 18.673 | 18.655 | 18.729 | HH | 67433  | 2120478 | 32.00% | 0.672% |
| 410 | 18.767 | 18.729 | 18.792 | HH | 161341 | 2949983 | 44.00% | 0.672% |
| 411 | 18.799 | 18.792 | 18.824 | HH | 38181  | 709736  | 10.78% | 0.148% |
| 412 | 18.846 | 18.824 | 18.864 | HH | 44797  | 1004710 | 15.27% | 0.209% |
| 413 | 18.891 | 18.864 | 18.916 | HH | 52165  | 1353777 | 20.57% | 0.282% |
| 414 | 18.950 | 18.916 | 18.979 | HH | 182271 | 3422608 | 52.00% | 0.713% |
| 415 | 18.986 | 18.979 | 19.008 | HH | 40536  | 662413  | 10.06% | 0.138% |
| 416 | 19.013 | 19.008 | 19.016 | HH | 35906  | 170753  | 2.59%  | 0.036% |
| 417 | 19.020 | 19.016 | 19.034 | HH | 35978  | 386683  | 5.88%  | 0.081% |
| 418 | 19.068 | 19.034 | 19.091 | HH | 43918  | 1360168 | 20.67% | 0.283% |
| 419 | 19.107 | 19.091 | 19.134 | HH | 38728  | 959843  | 14.58% | 0.200% |
| 420 | 19.162 | 19.134 | 19.176 | HH | 40106  | 962272  | 14.62% | 0.201% |
| 421 | 19.192 | 19.176 | 19.210 | HH | 44439  | 851694  | 12.94% | 0.177% |
| 422 | 19.228 | 19.210 | 19.246 | HH | 40104  | 821974  | 12.49% | 0.171% |
| 423 | 19.278 | 19.246 | 19.282 | HH | 43604  | 874302  | 13.28% | 0.182% |
| 424 | 19.310 | 19.282 | 19.357 | HH | 52031  | 2120380 | 32.22% | 0.442% |
| 425 | 19.363 | 19.357 | 19.387 | HH | 43478  | 719565  | 10.93% | 0.150% |
| 426 | 19.398 | 19.387 | 19.411 | HH | 39562  | 561370  | 8.53%  | 0.117% |
| 427 | 19.439 | 19.411 | 19.454 | HH | 47534  | 1146494 | 17.42% | 0.239% |
| 428 | 19.458 | 19.454 | 19.501 | HH | 45334  | 1133893 | 17.23% | 0.236% |
| 429 | 19.549 | 19.501 | 19.579 | HH | 43816  | 1850465 | 28.12% | 0.386% |
| 430 | 19.610 | 19.579 | 19.631 | HH | 39472  | 1192573 | 18.12% | 0.249% |
| 431 | 19.648 | 19.631 | 19.664 | HH | 40065  | 769811  | 11.70% | 0.160% |
| 432 | 19.681 | 19.664 | 19.686 | HH | 41287  | 515633  | 7.83%  | 0.107% |
| 433 | 19.691 | 19.686 | 19.697 | HH | 41053  | 269872  | 4.10%  | 0.056% |
| 434 | 19.733 | 19.697 | 19.764 | HH | 189630 | 3790192 | 57.59% | 0.790% |
| 435 | 19.776 | 19.764 | 19.789 | HH | 43806  | 649409  | 9.87%  | 0.135% |
| 436 | 19.802 | 19.789 | 19.821 | HH | 42784  | 807479  | 12.27% | 0.168% |
| 437 | 19.849 | 19.821 | 19.879 | HH | 53510  | 1596155 | 24.25% | 0.333% |
| 438 | 19.916 | 19.879 | 19.949 | HH | 87237  | 2456710 | 37.33% | 0.512% |
| 439 | 19.984 | 19.949 | 20.015 | HH | 79669  | 2400998 | 36.48% | 0.500% |
| 440 | 20.034 | 20.015 | 20.055 | HH | 53089  | 1184303 | 17.99% | 0.247% |
| 441 | 20.072 | 20.055 | 20.091 | HH | 54559  | 1099832 | 16.71% | 0.229% |
| 442 | 20.106 | 20.091 | 20.146 | HH | 51131  | 1589078 | 24.14% | 0.331% |
| 443 | 20.164 | 20.146 | 20.178 | HH | 45231  | 841327  | 12.78% | 0.175% |
| 444 | 20.198 | 20.178 | 20.231 | HH | 51732  | 1477959 | 22.46% | 0.308% |
| 445 | 20.296 | 20.231 | 20.322 | HH | 87438  | 3203876 | 48.68% | 0.668% |
| 446 | 20.361 | 20.322 | 20.412 | HH | 64020  | 2792604 | 42.43% | 0.582% |
| 447 | 20.434 | 20.412 | 20.442 | HH | 50480  | 845340  | 12.84% | 0.176% |
| 448 | 20.475 | 20.442 | 20.534 | HH | 207437 | 4898566 | 74.43% | 1.021% |
| 449 | 20.562 | 20.534 | 20.582 | HH | 47547  | 1345999 | 20.45% | 0.280% |
| 450 | 20.588 | 20.582 | 20.591 | HH | 46915  | 243340  | 3.70%  | 0.051% |
| 451 | 20.638 | 20.591 | 20.693 | HH | 68730  | 3185353 | 48.40% | 0.664% |
| 452 | 20.714 | 20.693 | 20.736 | HH | 47651  | 1212700 | 18.43% | 0.253% |
| 453 | 20.779 | 20.736 | 20.800 | HH | 48630  | 1811122 | 27.52% | 0.377% |
| 454 | 20.804 | 20.800 | 20.815 | HH | 47673  | 425366  | 6.46%  | 0.089% |
| 455 | 20.832 | 20.815 | 20.846 | HH | 48657  | 901266  | 13.69% | 0.188% |
| 456 | 20.856 | 20.846 | 20.896 | HH | 48308  | 1410333 | 21.43% | 0.294% |

|                         |        |        |        |    |        |           |         |        |  |
|-------------------------|--------|--------|--------|----|--------|-----------|---------|--------|--|
| rteres                  |        |        |        |    |        |           |         |        |  |
| 457                     | 20.900 | 20.896 | 20.912 | HH | 45861  | 457804    | 6.96%   | 0.095% |  |
| 458                     | 20.935 | 20.912 | 20.962 | HH | 48364  | 1417351   | 21.00%  | 0.095% |  |
| 459                     | 20.977 | 20.962 | 21.029 | HH | 47995  | 1857284   | 28.00%  | 0.095% |  |
| 460                     | 21.036 | 21.029 | 21.055 | HH | 45220  | 702995    | 10.00%  | 0.095% |  |
| 461                     | 21.081 | 21.055 | 21.093 | HH | 45237  | 1015605   | 15.00%  | 0.095% |  |
| 462                     | 21.125 | 21.093 | 21.159 | HH | 45919  | 1807788   | 27.00%  | 0.095% |  |
| 463                     | 21.217 | 21.159 | 21.259 | HH | 185953 | 5166943   | 78.51%  | 1.077% |  |
| 464                     | 21.302 | 21.259 | 21.371 | HH | 50265  | 3121309   | 47.43%  | 0.650% |  |
| 465                     | 21.403 | 21.371 | 21.432 | HH | 45710  | 1627694   | 24.73%  | 0.339% |  |
| 466                     | 21.517 | 21.432 | 21.551 | HH | 46891  | 3166034   | 48.11%  | 0.660% |  |
| 467                     | 21.556 | 21.551 | 21.571 | HH | 44252  | 529892    | 8.05%   | 0.110% |  |
| 468                     | 21.598 | 21.571 | 21.622 | HH | 46569  | 1404256   | 21.34%  | 0.293% |  |
| 469                     | 21.684 | 21.622 | 21.707 | HH | 56574  | 2594124   | 39.42%  | 0.541% |  |
| 470                     | 21.721 | 21.707 | 21.824 | HH | 49312  | 3119079   | 47.39%  | 0.650% |  |
| 471                     | 21.851 | 21.824 | 21.870 | HH | 43386  | 1181723   | 17.96%  | 0.246% |  |
| 472                     | 21.895 | 21.870 | 21.946 | HH | 45453  | 1911641   | 29.05%  | 0.398% |  |
| 473                     | 21.986 | 21.946 | 22.031 | HH | 49303  | 2216957   | 33.68%  | 0.462% |  |
| 474                     | 22.066 | 22.031 | 22.090 | HH | 48451  | 1571633   | 23.88%  | 0.328% |  |
| 475                     | 22.143 | 22.090 | 22.249 | HH | 151872 | 6581506   | 100.00% | 1.372% |  |
| 476                     | 22.270 | 22.249 | 22.274 | HH | 38093  | 586418    | 8.91%   | 0.122% |  |
| 477                     | 22.284 | 22.274 | 22.293 | HH | 38130  | 426711    | 6.48%   | 0.089% |  |
| Sum of corrected areas: |        |        |        |    |        | 479870043 |         |        |  |

Instrument :  
FID\_F  
ClientSampleId :  
TP-14-A-WESTMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2022  
Supervised By :Ankita Jodhani 11/14/2022

FF110422.M Mon Nov 14 06:16:45 2022