

rters

Instrument :

FID\_F

ClientSampleId :

WASTE

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF04222  
Data File : FF010377.D  
Signal(s) : FID2B.ch  
Acq On : 22 Apr 2022 15:24  
Sample : N2447-01  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040122.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         | 2.011       | 1.997        | 2.034      | BV       | 1150           | 18715        | 0.94%          | 0.056%        |
| 2         | 2.038       | 2.034        | 2.059      | VV       | 898            | 12795        | 0.64%          | 0.038%        |
| 3         | 2.079       | 2.059        | 2.111      | VV       | 1901           | 32776        | 1.64%          | 0.098%        |
| 4         | 2.117       | 2.111        | 2.123      | VV       | 825            | 5393         | 0.27%          | 0.016%        |
| 5         | 2.141       | 2.123        | 2.160      | VV       | 3552           | 35759        | 1.79%          | 0.107%        |
| 6         | 2.172       | 2.160        | 2.188      | VV       | 780            | 12091        | 0.61%          | 0.036%        |
| 7         | 2.213       | 2.188        | 2.230      | VV       | 1203           | 21772        | 1.09%          | 0.065%        |
| 8         | 2.245       | 2.230        | 2.264      | VV       | 1668           | 20816        | 1.04%          | 0.062%        |
| 9         | 2.272       | 2.264        | 2.302      | VV       | 933            | 17212        | 0.86%          | 0.051%        |
| 10        | 2.322       | 2.302        | 2.334      | VV       | 787            | 13422        | 0.67%          | 0.040%        |
| 11        | 2.342       | 2.334        | 2.380      | VV       | 866            | 19568        | 0.98%          | 0.058%        |
| 12        | 2.383       | 2.380        | 2.389      | VV       | 675            | 3512         | 0.18%          | 0.010%        |
| 13        | 2.407       | 2.389        | 2.412      | VV       | 741            | 8961         | 0.45%          | 0.027%        |
| 14        | 2.419       | 2.412        | 2.425      | VV       | 895            | 6453         | 0.32%          | 0.019%        |
| 15        | 2.436       | 2.425        | 2.484      | VV       | 5407           | 77057        | 3.86%          | 0.230%        |
| 16        | 2.490       | 2.484        | 2.500      | VV       | 886            | 7999         | 0.40%          | 0.024%        |
| 17        | 2.515       | 2.500        | 2.550      | VV       | 1370           | 29652        | 1.49%          | 0.088%        |
| 18        | 2.561       | 2.550        | 2.593      | VV       | 1369           | 22647        | 1.14%          | 0.068%        |
| 19        | 2.597       | 2.593        | 2.624      | VV       | 678            | 11342        | 0.57%          | 0.034%        |
| 20        | 2.627       | 2.624        | 2.638      | VV       | 588            | 4793         | 0.24%          | 0.014%        |
| 21        | 2.642       | 2.638        | 2.652      | VV       | 589            | 4529         | 0.23%          | 0.014%        |
| 22        | 2.660       | 2.652        | 2.681      | VV       | 629            | 9523         | 0.48%          | 0.028%        |
| 23        | 2.685       | 2.681        | 2.692      | VV       | 546            | 3249         | 0.16%          | 0.010%        |
| 24        | 2.697       | 2.692        | 2.701      | VV       | 515            | 2737         | 0.14%          | 0.008%        |
| 25        | 2.708       | 2.701        | 2.717      | VV       | 513            | 4732         | 0.24%          | 0.014%        |
| 26        | 2.727       | 2.717        | 2.743      | VV       | 623            | 8087         | 0.41%          | 0.024%        |
| 27        | 2.755       | 2.743        | 2.766      | VV       | 541            | 6624         | 0.33%          | 0.020%        |
| 28        | 2.773       | 2.766        | 2.782      | VV       | 479            | 4307         | 0.22%          | 0.013%        |
| 29        | 2.817       | 2.782        | 2.845      | VV       | 686            | 20857        | 1.05%          | 0.062%        |
| 30        | 2.849       | 2.845        | 2.859      | VV       | 462            | 3598         | 0.18%          | 0.011%        |
| 31        | 2.892       | 2.859        | 2.910      | VV       | 617            | 16193        | 0.81%          | 0.048%        |
| 32        | 2.919       | 2.910        | 2.938      | VV       | 521            | 7734         | 0.39%          | 0.023%        |
| 33        | 2.960       | 2.938        | 2.970      | VV       | 898            | 13210        | 0.66%          | 0.039%        |
| 34        | 2.980       | 2.970        | 3.022      | VV       | 783            | 20370        | 1.02%          | 0.061%        |
| 35        | 3.040       | 3.022        | 3.061      | VV       | 647            | 12580        | 0.63%          | 0.038%        |
| 36        | 3.077       | 3.061        | 3.113      | VV       | 990            | 18783        | 0.94%          | 0.056%        |

|    |       |       |       |    | retention |       |       |        |
|----|-------|-------|-------|----|-----------|-------|-------|--------|
| 37 | 3.116 | 3.113 | 3.125 | VV | 472       | 3086  | 0.15% | 0.009% |
| 38 | 3.134 | 3.125 | 3.145 | VV | 466       | 5398  |       |        |
| 39 | 3.183 | 3.145 | 3.205 | VV | 1020      | 20125 |       |        |
| 40 | 3.218 | 3.205 | 3.237 | VV | 650       | 11181 |       |        |
| 41 | 3.244 | 3.237 | 3.260 | VV | 579       | 6155  |       |        |
| 42 | 3.270 | 3.260 | 3.277 | VV | 468       | 4287  |       |        |
| 43 | 3.292 | 3.277 | 3.320 | VV | 542       | 11577 | 0.58% | 0.035% |
| 44 | 3.325 | 3.320 | 3.342 | VV | 386       | 4793  | 0.24% | 0.014% |
| 45 | 3.344 | 3.342 | 3.355 | VV | 397       | 2883  | 0.14% | 0.009% |
| 46 | 3.366 | 3.355 | 3.377 | VV | 421       | 4856  | 0.24% | 0.014% |
| 47 | 3.396 | 3.377 | 3.408 | VV | 583       | 8576  | 0.43% | 0.026% |
| 48 | 3.412 | 3.408 | 3.428 | VV | 540       | 5222  | 0.26% | 0.016% |
| 49 | 3.453 | 3.428 | 3.467 | VV | 758       | 12999 | 0.65% | 0.039% |
| 50 | 3.478 | 3.467 | 3.504 | VV | 537       | 9790  | 0.49% | 0.029% |
| 51 | 3.525 | 3.504 | 3.545 | VV | 502       | 10382 | 0.52% | 0.031% |
| 52 | 3.588 | 3.545 | 3.607 | VV | 1023      | 21415 | 1.07% | 0.064% |
| 53 | 3.612 | 3.607 | 3.636 | VV | 494       | 7807  | 0.39% | 0.023% |
| 54 | 3.667 | 3.636 | 3.695 | VV | 644       | 15310 | 0.77% | 0.046% |
| 55 | 3.701 | 3.695 | 3.733 | VV | 422       | 8740  | 0.44% | 0.026% |
| 56 | 3.745 | 3.733 | 3.758 | VV | 485       | 6189  | 0.31% | 0.018% |
| 57 | 3.770 | 3.758 | 3.792 | VV | 558       | 9578  | 0.48% | 0.029% |
| 58 | 3.803 | 3.792 | 3.843 | VV | 439       | 11943 | 0.60% | 0.036% |
| 59 | 3.848 | 3.843 | 3.852 | VV | 402       | 1716  | 0.09% | 0.005% |
| 60 | 3.881 | 3.852 | 3.893 | VV | 511       | 10183 | 0.51% | 0.030% |
| 61 | 3.900 | 3.893 | 3.905 | VV | 386       | 2565  | 0.13% | 0.008% |
| 62 | 3.911 | 3.905 | 3.926 | VV | 381       | 3953  | 0.20% | 0.012% |
| 63 | 3.947 | 3.926 | 3.958 | VV | 1452      | 16818 | 0.84% | 0.050% |
| 64 | 3.972 | 3.958 | 4.020 | VV | 3235      | 48187 | 2.42% | 0.144% |
| 65 | 4.037 | 4.020 | 4.076 | VV | 610       | 15656 | 0.78% | 0.047% |
| 66 | 4.094 | 4.076 | 4.106 | VV | 512       | 7381  | 0.37% | 0.022% |
| 67 | 4.124 | 4.106 | 4.141 | VV | 508       | 9276  | 0.47% | 0.028% |
| 68 | 4.149 | 4.141 | 4.173 | VV | 961       | 13223 | 0.66% | 0.039% |
| 69 | 4.183 | 4.173 | 4.201 | VV | 580       | 8521  | 0.43% | 0.025% |
| 70 | 4.214 | 4.201 | 4.226 | VV | 604       | 7496  | 0.38% | 0.022% |
| 71 | 4.236 | 4.226 | 4.255 | VV | 522       | 7636  | 0.38% | 0.023% |
| 72 | 4.267 | 4.255 | 4.295 | VV | 456       | 9598  | 0.48% | 0.029% |
| 73 | 4.306 | 4.295 | 4.330 | VV | 521       | 8896  | 0.45% | 0.027% |
| 74 | 4.356 | 4.330 | 4.389 | VV | 1216      | 23766 | 1.19% | 0.071% |
| 75 | 4.396 | 4.389 | 4.416 | VV | 533       | 7667  | 0.38% | 0.023% |
| 76 | 4.425 | 4.416 | 4.441 | VV | 596       | 7533  | 0.38% | 0.022% |
| 77 | 4.457 | 4.441 | 4.483 | VV | 642       | 11476 | 0.58% | 0.034% |
| 78 | 4.504 | 4.483 | 4.531 | VV | 4285      | 45530 | 2.28% | 0.136% |
| 79 | 4.534 | 4.531 | 4.554 | VV | 510       | 6065  | 0.30% | 0.018% |
| 80 | 4.561 | 4.554 | 4.573 | VV | 558       | 5391  | 0.27% | 0.016% |
| 81 | 4.580 | 4.573 | 4.600 | VV | 468       | 5855  | 0.29% | 0.017% |
| 82 | 4.605 | 4.600 | 4.626 | VV | 352       | 4400  | 0.22% | 0.013% |
| 83 | 4.644 | 4.626 | 4.670 | VV | 629       | 9424  | 0.47% | 0.028% |
| 84 | 4.694 | 4.670 | 4.731 | VV | 847       | 16585 | 0.83% | 0.049% |
| 85 | 4.741 | 4.731 | 4.755 | VV | 429       | 4939  | 0.25% | 0.015% |
| 86 | 4.756 | 4.755 | 4.762 | VV | 335       | 1179  | 0.06% | 0.004% |
| 87 | 4.763 | 4.762 | 4.766 | VV | 243       | 648   | 0.03% | 0.002% |
| 88 | 4.772 | 4.766 | 4.778 | VV | 301       | 1854  | 0.09% | 0.006% |
| 89 | 4.783 | 4.778 | 4.812 | VV | 328       | 5562  | 0.28% | 0.017% |

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|     |       |       |       |    |      |       |       |        |
|-----|-------|-------|-------|----|------|-------|-------|--------|
| 90  | 4.816 | 4.812 | 4.838 | VV | 286  | 3522  | 0.18% | 0.011% |
| 91  | 4.857 | 4.838 | 4.885 | VV | 357  | 7273  |       |        |
| 92  | 4.906 | 4.885 | 4.912 | VV | 311  | 3822  |       |        |
| 93  | 4.951 | 4.912 | 5.008 | VV | 607  | 20602 |       |        |
| 94  | 5.017 | 5.008 | 5.030 | VV | 242  | 2865  |       |        |
| 95  | 5.043 | 5.030 | 5.063 | VV | 359  | 5316  |       |        |
| 96  | 5.070 | 5.063 | 5.074 | VV | 297  | 1465  | 0.07% | 0.004% |
| 97  | 5.096 | 5.074 | 5.145 | VV | 401  | 10091 | 0.51% | 0.030% |
| 98  | 5.153 | 5.145 | 5.157 | VV | 253  | 1183  | 0.06% | 0.004% |
| 99  | 5.168 | 5.157 | 5.187 | VV | 264  | 3792  | 0.19% | 0.011% |
| 100 | 5.212 | 5.187 | 5.264 | VV | 1547 | 25507 | 1.28% | 0.076% |
| 101 | 5.275 | 5.264 | 5.291 | VV | 400  | 4229  | 0.21% | 0.013% |
| 102 | 5.295 | 5.291 | 5.300 | VV | 182  | 874   | 0.04% | 0.003% |
| 103 | 5.303 | 5.300 | 5.315 | VV | 188  | 1127  | 0.06% | 0.003% |
| 104 | 5.320 | 5.315 | 5.324 | VV | 147  | 624   | 0.03% | 0.002% |
| 105 | 5.337 | 5.324 | 5.344 | VV | 204  | 1855  | 0.09% | 0.006% |
| 106 | 5.351 | 5.344 | 5.360 | VV | 187  | 1362  | 0.07% | 0.004% |
| 107 | 5.364 | 5.360 | 5.375 | VV | 145  | 1038  | 0.05% | 0.003% |
| 108 | 5.391 | 5.375 | 5.411 | VV | 310  | 4632  | 0.23% | 0.014% |
| 109 | 5.431 | 5.411 | 5.468 | VV | 605  | 10272 | 0.51% | 0.031% |
| 110 | 5.470 | 5.468 | 5.473 | VV | 208  | 515   | 0.03% | 0.002% |
| 111 | 5.477 | 5.473 | 5.490 | VV | 223  | 1637  | 0.08% | 0.005% |
| 112 | 5.507 | 5.490 | 5.520 | VV | 314  | 3865  | 0.19% | 0.012% |
| 113 | 5.523 | 5.520 | 5.531 | VV | 167  | 1150  | 0.06% | 0.003% |
| 114 | 5.535 | 5.531 | 5.542 | VV | 198  | 1017  | 0.05% | 0.003% |
| 115 | 5.545 | 5.542 | 5.550 | VV | 185  | 877   | 0.04% | 0.003% |
| 116 | 5.557 | 5.550 | 5.599 | VV | 205  | 4961  | 0.25% | 0.015% |
| 117 | 5.611 | 5.599 | 5.617 | VV | 288  | 2451  | 0.12% | 0.007% |
| 118 | 5.620 | 5.617 | 5.648 | VV | 239  | 3759  | 0.19% | 0.011% |
| 119 | 5.652 | 5.648 | 5.660 | VV | 186  | 1227  | 0.06% | 0.004% |
| 120 | 5.668 | 5.660 | 5.678 | VV | 169  | 1633  | 0.08% | 0.005% |
| 121 | 5.695 | 5.678 | 5.711 | VV | 206  | 2749  | 0.14% | 0.008% |
| 122 | 5.734 | 5.711 | 5.753 | VV | 328  | 4982  | 0.25% | 0.015% |
| 123 | 5.758 | 5.753 | 5.776 | VV | 196  | 2094  | 0.11% | 0.006% |
| 124 | 5.786 | 5.776 | 5.815 | VV | 169  | 3386  | 0.17% | 0.010% |
| 125 | 5.822 | 5.815 | 5.833 | VV | 228  | 1708  | 0.09% | 0.005% |
| 126 | 5.840 | 5.833 | 5.864 | VV | 255  | 2971  | 0.15% | 0.009% |
| 127 | 5.888 | 5.864 | 5.907 | VV | 261  | 4676  | 0.23% | 0.014% |
| 128 | 5.938 | 5.907 | 5.959 | VV | 719  | 12276 | 0.62% | 0.037% |
| 129 | 5.964 | 5.959 | 5.981 | VV | 335  | 3404  | 0.17% | 0.010% |
| 130 | 5.987 | 5.981 | 5.995 | VV | 303  | 2265  | 0.11% | 0.007% |
| 131 | 6.013 | 5.995 | 6.066 | VV | 552  | 15815 | 0.79% | 0.047% |
| 132 | 6.094 | 6.066 | 6.172 | VV | 4704 | 63803 | 3.20% | 0.190% |
| 133 | 6.179 | 6.172 | 6.193 | VV | 237  | 2277  | 0.11% | 0.007% |
| 134 | 6.219 | 6.193 | 6.251 | VV | 579  | 13191 | 0.66% | 0.039% |
| 135 | 6.256 | 6.251 | 6.282 | VV | 338  | 4998  | 0.25% | 0.015% |
| 136 | 6.285 | 6.282 | 6.316 | VV | 271  | 3567  | 0.18% | 0.011% |
| 137 | 6.321 | 6.316 | 6.341 | VV | 145  | 1988  | 0.10% | 0.006% |
| 138 | 6.347 | 6.341 | 6.351 | VV | 164  | 790   | 0.04% | 0.002% |
| 139 | 6.372 | 6.351 | 6.396 | VV | 628  | 9137  | 0.46% | 0.027% |
| 140 | 6.401 | 6.396 | 6.429 | VV | 181  | 3306  | 0.17% | 0.010% |
| 141 | 6.456 | 6.429 | 6.480 | VV | 211  | 4827  | 0.24% | 0.014% |

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/25/2022

|     |       |       |       |    |      |                                                    |                                                                                  |        |
|-----|-------|-------|-------|----|------|----------------------------------------------------|----------------------------------------------------------------------------------|--------|
|     |       |       |       |    |      | Instrument :<br>FID_F<br>ClientSampleId :<br>WASTE |                                                                                  |        |
| 142 | 6.490 | 6.480 | 6.494 | VV | 168  | 1164                                               | 0.06%                                                                            | 0.003% |
| 143 | 6.498 | 6.494 | 6.511 | VV | 219  | 1280                                               |                                                                                  |        |
| 144 | 6.524 | 6.511 | 6.551 | VV | 356  | 5153                                               | Manual IntegrationsAPPROVED                                                      |        |
| 145 | 6.556 | 6.551 | 6.585 | VV | 187  | 2739                                               |                                                                                  |        |
| 146 | 6.596 | 6.585 | 6.606 | VV | 212  | 1916                                               | Reviewed By :Yogesh Patel 04/25/2022<br>Supervised By :mohammad ahmed 04/25/2022 |        |
| 147 | 6.611 | 6.606 | 6.621 | VV | 117  | 975                                                |                                                                                  |        |
| 148 | 6.646 | 6.621 | 6.657 | VV | 200  | 2695                                               | 0.14%                                                                            | 0.008% |
| 149 | 6.663 | 6.657 | 6.671 | VV | 86   | 708                                                | 0.04%                                                                            | 0.002% |
| 150 | 6.693 | 6.671 | 6.699 | PV | 150  | 1555                                               | 0.08%                                                                            | 0.005% |
| 151 | 6.703 | 6.699 | 6.710 | VV | 177  | 761                                                | 0.04%                                                                            | 0.002% |
| 152 | 6.716 | 6.710 | 6.726 | VV | 194  | 948                                                | 0.05%                                                                            | 0.003% |
| 153 | 6.745 | 6.726 | 6.752 | VV | 168  | 1553                                               | 0.08%                                                                            | 0.005% |
| 154 | 6.763 | 6.752 | 6.787 | VV | 134  | 1892                                               | 0.09%                                                                            | 0.006% |
| 155 | 6.791 | 6.787 | 6.806 | VV | 110  | 965                                                | 0.05%                                                                            | 0.003% |
| 156 | 6.814 | 6.806 | 6.822 | VV | 169  | 1278                                               | 0.06%                                                                            | 0.004% |
| 157 | 6.831 | 6.822 | 6.836 | VV | 230  | 1539                                               | 0.08%                                                                            | 0.005% |
| 158 | 6.841 | 6.836 | 6.846 | VV | 229  | 1184                                               | 0.06%                                                                            | 0.004% |
| 159 | 6.889 | 6.846 | 6.916 | VV | 419  | 12075                                              | 0.61%                                                                            | 0.036% |
| 160 | 6.928 | 6.916 | 6.954 | VV | 394  | 5739                                               | 0.29%                                                                            | 0.017% |
| 161 | 6.974 | 6.954 | 7.017 | VV | 464  | 10411                                              | 0.52%                                                                            | 0.031% |
| 162 | 7.033 | 7.017 | 7.050 | VV | 388  | 4990                                               | 0.25%                                                                            | 0.015% |
| 163 | 7.074 | 7.050 | 7.111 | VV | 660  | 9525                                               | 0.48%                                                                            | 0.028% |
| 164 | 7.131 | 7.111 | 7.152 | VV | 262  | 3540                                               | 0.18%                                                                            | 0.011% |
| 165 | 7.175 | 7.152 | 7.191 | VV | 251  | 3601                                               | 0.18%                                                                            | 0.011% |
| 166 | 7.203 | 7.191 | 7.221 | VV | 187  | 1818                                               | 0.09%                                                                            | 0.005% |
| 167 | 7.226 | 7.221 | 7.231 | VV | 79   | 394                                                | 0.02%                                                                            | 0.001% |
| 168 | 7.244 | 7.231 | 7.266 | VV | 174  | 2127                                               | 0.11%                                                                            | 0.006% |
| 169 | 7.296 | 7.266 | 7.342 | VV | 2665 | 38091                                              | 1.91%                                                                            | 0.114% |
| 170 | 7.365 | 7.342 | 7.404 | VV | 578  | 16532                                              | 0.83%                                                                            | 0.049% |
| 171 | 7.417 | 7.404 | 7.426 | VV | 342  | 3793                                               | 0.19%                                                                            | 0.011% |
| 172 | 7.430 | 7.426 | 7.452 | VV | 296  | 4099                                               | 0.21%                                                                            | 0.012% |
| 173 | 7.469 | 7.452 | 7.487 | VV | 460  | 6891                                               | 0.35%                                                                            | 0.021% |
| 174 | 7.515 | 7.487 | 7.528 | VV | 376  | 7343                                               | 0.37%                                                                            | 0.022% |
| 175 | 7.578 | 7.528 | 7.623 | VV | 673  | 22438                                              | 1.12%                                                                            | 0.067% |
| 176 | 7.634 | 7.623 | 7.644 | VV | 260  | 2447                                               | 0.12%                                                                            | 0.007% |
| 177 | 7.662 | 7.644 | 7.674 | VV | 254  | 3346                                               | 0.17%                                                                            | 0.010% |
| 178 | 7.718 | 7.674 | 7.737 | VV | 771  | 16670                                              | 0.84%                                                                            | 0.050% |
| 179 | 7.752 | 7.737 | 7.768 | VV | 709  | 10394                                              | 0.52%                                                                            | 0.031% |
| 180 | 7.776 | 7.768 | 7.800 | VV | 556  | 9312                                               | 0.47%                                                                            | 0.028% |
| 181 | 7.819 | 7.800 | 7.846 | VV | 621  | 11587                                              | 0.58%                                                                            | 0.035% |
| 182 | 7.864 | 7.846 | 7.884 | VV | 821  | 12596                                              | 0.63%                                                                            | 0.038% |
| 183 | 7.924 | 7.884 | 7.941 | VV | 586  | 15023                                              | 0.75%                                                                            | 0.045% |
| 184 | 7.951 | 7.941 | 7.967 | VV | 322  | 4364                                               | 0.22%                                                                            | 0.013% |
| 185 | 7.989 | 7.967 | 8.012 | VV | 865  | 13267                                              | 0.67%                                                                            | 0.040% |
| 186 | 8.027 | 8.012 | 8.032 | VV | 382  | 4184                                               | 0.21%                                                                            | 0.012% |
| 187 | 8.035 | 8.032 | 8.042 | VV | 391  | 1957                                               | 0.10%                                                                            | 0.006% |
| 188 | 8.049 | 8.042 | 8.054 | VV | 395  | 2438                                               | 0.12%                                                                            | 0.007% |
| 189 | 8.061 | 8.054 | 8.084 | VV | 392  | 5670                                               | 0.28%                                                                            | 0.017% |
| 190 | 8.093 | 8.084 | 8.129 | VV | 297  | 6040                                               | 0.30%                                                                            | 0.018% |
| 191 | 8.168 | 8.129 | 8.184 | VV | 2684 | 39486                                              | 1.98%                                                                            | 0.118% |
| 192 | 8.200 | 8.184 | 8.252 | VV | 1732 | 39481                                              | 1.98%                                                                            | 0.118% |
| 193 | 8.274 | 8.252 | 8.331 | VV | 1468 | 35065                                              | 1.76%                                                                            | 0.105% |
| 194 | 8.335 | 8.331 | 8.340 | VV | 330  | 1441                                               | 0.07%                                                                            | 0.004% |

|     |        |        |        |    |       |       |       |        |  |
|-----|--------|--------|--------|----|-------|-------|-------|--------|--|
|     |        |        |        |    | rters |       |       |        |  |
| 195 | 8.348  | 8.340  | 8.359  | VV | 263   | 2332  | 0.12% | 0.007% |  |
| 196 | 8.363  | 8.359  | 8.382  | VV | 226   | 2263  |       |        |  |
| 197 | 8.392  | 8.382  | 8.421  | VV | 249   | 4481  |       |        |  |
| 198 | 8.461  | 8.421  | 8.481  | VV | 295   | 5749  |       |        |  |
| 199 | 8.489  | 8.481  | 8.502  | VV | 206   | 2166  |       |        |  |
| 200 | 8.524  | 8.502  | 8.547  | VV | 696   | 11023 |       |        |  |
| 201 | 8.552  | 8.547  | 8.562  | VV | 259   | 1801  | 0.09% | 0.005% |  |
| 202 | 8.572  | 8.562  | 8.585  | VV | 329   | 4146  | 0.21% | 0.012% |  |
| 203 | 8.601  | 8.585  | 8.621  | VV | 534   | 9770  | 0.49% | 0.029% |  |
| 204 | 8.641  | 8.621  | 8.685  | VV | 851   | 24430 | 1.22% | 0.073% |  |
| 205 | 8.701  | 8.685  | 8.739  | VV | 797   | 14303 | 0.72% | 0.043% |  |
| 206 | 8.753  | 8.739  | 8.774  | VV | 299   | 4346  | 0.22% | 0.013% |  |
| 207 | 8.795  | 8.774  | 8.812  | VV | 213   | 3912  | 0.20% | 0.012% |  |
| 208 | 8.820  | 8.812  | 8.868  | VV | 226   | 4386  | 0.22% | 0.013% |  |
| 209 | 8.909  | 8.868  | 8.941  | VV | 899   | 15422 | 0.77% | 0.046% |  |
| 210 | 8.959  | 8.941  | 8.966  | VV | 173   | 2005  | 0.10% | 0.006% |  |
| 211 | 8.989  | 8.966  | 9.060  | VV | 1269  | 28462 | 1.43% | 0.085% |  |
| 212 | 9.075  | 9.060  | 9.112  | VV | 264   | 3734  | 0.19% | 0.011% |  |
| 213 | 9.125  | 9.112  | 9.154  | VV | 134   | 2133  | 0.11% | 0.006% |  |
| 214 | 9.176  | 9.154  | 9.195  | VV | 264   | 4183  | 0.21% | 0.012% |  |
| 215 | 9.217  | 9.195  | 9.238  | VV | 632   | 7906  | 0.40% | 0.024% |  |
| 216 | 9.245  | 9.238  | 9.262  | VV | 166   | 1418  | 0.07% | 0.004% |  |
| 217 | 9.269  | 9.262  | 9.288  | VV | 135   | 1773  | 0.09% | 0.005% |  |
| 218 | 9.309  | 9.288  | 9.337  | VV | 1202  | 15113 | 0.76% | 0.045% |  |
| 219 | 9.363  | 9.337  | 9.392  | VV | 690   | 13480 | 0.68% | 0.040% |  |
| 220 | 9.396  | 9.392  | 9.416  | VV | 222   | 2904  | 0.15% | 0.009% |  |
| 221 | 9.428  | 9.416  | 9.468  | VV | 375   | 7476  | 0.37% | 0.022% |  |
| 222 | 9.493  | 9.468  | 9.516  | VV | 378   | 5984  | 0.30% | 0.018% |  |
| 223 | 9.521  | 9.516  | 9.524  | VV | 164   | 838   | 0.04% | 0.003% |  |
| 224 | 9.548  | 9.524  | 9.568  | VV | 272   | 3836  | 0.19% | 0.011% |  |
| 225 | 9.598  | 9.568  | 9.617  | VV | 1061  | 14989 | 0.75% | 0.045% |  |
| 226 | 9.631  | 9.617  | 9.662  | VV | 485   | 6654  | 0.33% | 0.020% |  |
| 227 | 9.702  | 9.662  | 9.740  | VV | 767   | 17773 | 0.89% | 0.053% |  |
| 228 | 9.765  | 9.740  | 9.821  | VV | 2524  | 38351 | 1.92% | 0.114% |  |
| 229 | 9.843  | 9.821  | 9.852  | VV | 262   | 3946  | 0.20% | 0.012% |  |
| 230 | 9.866  | 9.852  | 9.896  | VV | 410   | 5292  | 0.27% | 0.016% |  |
| 231 | 9.920  | 9.896  | 9.949  | VV | 292   | 5019  | 0.25% | 0.015% |  |
| 232 | 9.955  | 9.949  | 9.969  | VV | 44    | 472   | 0.02% | 0.001% |  |
| 233 | 9.985  | 9.969  | 9.994  | VV | 130   | 1473  | 0.07% | 0.004% |  |
| 234 | 10.000 | 9.994  | 10.003 | PV | 121   | 468   | 0.02% | 0.001% |  |
| 235 | 10.059 | 10.003 | 10.075 | VV | 273   | 5745  | 0.29% | 0.017% |  |
| 236 | 10.099 | 10.075 | 10.124 | VV | 646   | 10794 | 0.54% | 0.032% |  |
| 237 | 10.146 | 10.124 | 10.171 | VV | 933   | 16701 | 0.84% | 0.050% |  |
| 238 | 10.188 | 10.171 | 10.224 | VV | 866   | 17249 | 0.86% | 0.051% |  |
| 239 | 10.242 | 10.224 | 10.264 | VV | 460   | 7835  | 0.39% | 0.023% |  |
| 240 | 10.284 | 10.264 | 10.297 | VV | 531   | 7246  | 0.36% | 0.022% |  |
| 241 | 10.318 | 10.297 | 10.337 | VV | 604   | 10332 | 0.52% | 0.031% |  |
| 242 | 10.346 | 10.337 | 10.357 | VV | 406   | 3870  | 0.19% | 0.012% |  |
| 243 | 10.382 | 10.357 | 10.414 | VV | 1090  | 23010 | 1.15% | 0.069% |  |
| 244 | 10.424 | 10.414 | 10.440 | VV | 556   | 6800  | 0.34% | 0.020% |  |
| 245 | 10.457 | 10.440 | 10.481 | VV | 973   | 15487 | 0.78% | 0.046% |  |
| 246 | 10.503 | 10.481 | 10.539 | VV | 1960  | 36105 | 1.81% | 0.108% |  |

Instrument :

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ClientSampleId :

WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

|     |        |        |        |    | rters |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 247 | 10.575 | 10.539 | 10.591 | VV | 871   | 18970  | 0.95%  | 0.057% |
| 248 | 10.594 | 10.591 | 10.623 | VV | 799   | 10353  |        |        |
| 249 | 10.640 | 10.623 | 10.658 | VV | 446   | 6322   |        |        |
| 250 | 10.674 | 10.658 | 10.699 | VV | 284   | 3576   |        |        |
| 251 | 10.725 | 10.699 | 10.735 | PV | 1639  | 19181  |        |        |
| 252 | 10.750 | 10.735 | 10.761 | VV | 3099  | 36050  |        |        |
| 253 | 10.772 | 10.761 | 10.799 | VV | 3104  | 39123  | 1.96%  | 0.117% |
| 254 | 10.833 | 10.799 | 10.863 | VV | 1940  | 40194  | 2.02%  | 0.120% |
| 255 | 10.874 | 10.863 | 10.911 | VV | 505   | 10301  | 0.52%  | 0.031% |
| 256 | 10.927 | 10.911 | 10.946 | VV | 627   | 8745   | 0.44%  | 0.026% |
| 257 | 10.953 | 10.946 | 10.969 | VV | 303   | 3181   | 0.16%  | 0.009% |
| 258 | 10.981 | 10.969 | 10.994 | VV | 219   | 2104   | 0.11%  | 0.006% |
| 259 | 11.012 | 10.994 | 11.024 | VV | 569   | 6882   | 0.35%  | 0.021% |
| 260 | 11.040 | 11.024 | 11.047 | VV | 685   | 7334   | 0.37%  | 0.022% |
| 261 | 11.052 | 11.047 | 11.082 | VV | 716   | 9154   | 0.46%  | 0.027% |
| 262 | 11.101 | 11.082 | 11.126 | VV | 405   | 6784   | 0.34%  | 0.020% |
| 263 | 11.143 | 11.126 | 11.159 | VV | 567   | 7225   | 0.36%  | 0.022% |
| 264 | 11.176 | 11.159 | 11.187 | VV | 989   | 10653  | 0.53%  | 0.032% |
| 265 | 11.219 | 11.187 | 11.249 | VV | 8965  | 124147 | 6.22%  | 0.370% |
| 266 | 11.272 | 11.249 | 11.337 | VV | 4856  | 82164  | 4.12%  | 0.245% |
| 267 | 11.360 | 11.337 | 11.378 | VV | 1650  | 20844  | 1.05%  | 0.062% |
| 268 | 11.398 | 11.378 | 11.422 | VV | 2089  | 25777  | 1.29%  | 0.077% |
| 269 | 11.453 | 11.422 | 11.484 | PV | 4695  | 69495  | 3.48%  | 0.207% |
| 270 | 11.518 | 11.484 | 11.539 | VV | 1461  | 27163  | 1.36%  | 0.081% |
| 271 | 11.553 | 11.539 | 11.567 | VV | 797   | 9587   | 0.48%  | 0.029% |
| 272 | 11.583 | 11.567 | 11.596 | VV | 1132  | 13148  | 0.66%  | 0.039% |
| 273 | 11.614 | 11.596 | 11.638 | VV | 1289  | 25252  | 1.27%  | 0.075% |
| 274 | 11.694 | 11.638 | 11.710 | VV | 1177  | 38826  | 1.95%  | 0.116% |
| 275 | 11.728 | 11.710 | 11.748 | VV | 2306  | 32930  | 1.65%  | 0.098% |
| 276 | 11.752 | 11.748 | 11.797 | VV | 779   | 12922  | 0.65%  | 0.039% |
| 277 | 11.812 | 11.797 | 11.836 | VV | 373   | 5724   | 0.29%  | 0.017% |
| 278 | 11.881 | 11.836 | 11.899 | VV | 2167  | 42722  | 2.14%  | 0.127% |
| 279 | 11.925 | 11.899 | 11.942 | VV | 2018  | 35192  | 1.76%  | 0.105% |
| 280 | 11.968 | 11.942 | 12.000 | VV | 6847  | 105451 | 5.29%  | 0.315% |
| 281 | 12.026 | 12.000 | 12.074 | VV | 6428  | 86312  | 4.33%  | 0.258% |
| 282 | 12.122 | 12.074 | 12.187 | VV | 56618 | 700238 | 35.11% | 2.089% |
| 283 | 12.201 | 12.187 | 12.239 | VV | 946   | 20330  | 1.02%  | 0.061% |
| 284 | 12.256 | 12.239 | 12.269 | VV | 662   | 10051  | 0.50%  | 0.030% |
| 285 | 12.285 | 12.269 | 12.312 | VV | 682   | 13888  | 0.70%  | 0.041% |
| 286 | 12.333 | 12.312 | 12.345 | VV | 1096  | 15615  | 0.78%  | 0.047% |
| 287 | 12.361 | 12.345 | 12.382 | VV | 2524  | 34423  | 1.73%  | 0.103% |
| 288 | 12.407 | 12.382 | 12.427 | VV | 3013  | 44561  | 2.23%  | 0.133% |
| 289 | 12.445 | 12.427 | 12.467 | VV | 1763  | 30864  | 1.55%  | 0.092% |
| 290 | 12.483 | 12.467 | 12.492 | VV | 1113  | 13673  | 0.69%  | 0.041% |
| 291 | 12.514 | 12.492 | 12.540 | VV | 3762  | 57548  | 2.89%  | 0.172% |
| 292 | 12.565 | 12.540 | 12.605 | VV | 10936 | 145416 | 7.29%  | 0.434% |
| 293 | 12.646 | 12.605 | 12.679 | VV | 1250  | 30117  | 1.51%  | 0.090% |
| 294 | 12.702 | 12.679 | 12.717 | VV | 664   | 8676   | 0.43%  | 0.026% |
| 295 | 12.746 | 12.717 | 12.766 | VV | 1867  | 29451  | 1.48%  | 0.088% |
| 296 | 12.774 | 12.766 | 12.802 | VV | 807   | 12821  | 0.64%  | 0.038% |
| 297 | 12.807 | 12.802 | 12.833 | VV | 403   | 4777   | 0.24%  | 0.014% |
| 298 | 12.862 | 12.833 | 12.891 | VV | 10394 | 127900 | 6.41%  | 0.382% |
| 299 | 12.918 | 12.891 | 12.937 | VV | 2216  | 38046  | 1.91%  | 0.114% |

Instrument :

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WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

|     |        |        |        |    |        |         |         |        |  |
|-----|--------|--------|--------|----|--------|---------|---------|--------|--|
|     |        |        |        |    | rters  |         |         |        |  |
| 300 | 12.955 | 12.937 | 12.980 | VV | 1844   | 31328   | 1.57%   | 0.093% |  |
| 301 | 13.000 | 12.980 | 13.018 | VV | 1080   | 17223   |         |        |  |
| 302 | 13.037 | 13.018 | 13.044 | VV | 894    | 11765   |         |        |  |
| 303 | 13.055 | 13.044 | 13.092 | VV | 1017   | 15725   |         |        |  |
| 304 | 13.130 | 13.092 | 13.162 | PV | 6436   | 107474  |         |        |  |
| 305 | 13.187 | 13.162 | 13.201 | VV | 4902   | 67781   |         |        |  |
| 306 | 13.213 | 13.201 | 13.235 | VV | 4434   | 59951   | 3.01%   | 0.179% |  |
| 307 | 13.251 | 13.235 | 13.284 | VV | 1717   | 32304   | 1.62%   | 0.096% |  |
| 308 | 13.289 | 13.284 | 13.301 | VV | 421    | 3908    | 0.20%   | 0.012% |  |
| 309 | 13.322 | 13.301 | 13.329 | VV | 1406   | 16083   | 0.81%   | 0.048% |  |
| 310 | 13.351 | 13.329 | 13.407 | VV | 12532  | 171291  | 8.59%   | 0.511% |  |
| 311 | 13.452 | 13.407 | 13.479 | VV | 1961   | 39273   | 1.97%   | 0.117% |  |
| 312 | 13.518 | 13.479 | 13.523 | VV | 630    | 11825   | 0.59%   | 0.035% |  |
| 313 | 13.526 | 13.523 | 13.534 | VV | 665    | 3755    | 0.19%   | 0.011% |  |
| 314 | 13.562 | 13.534 | 13.583 | VV | 1760   | 30366   | 1.52%   | 0.091% |  |
| 315 | 13.600 | 13.583 | 13.609 | VV | 1255   | 15731   | 0.79%   | 0.047% |  |
| 316 | 13.626 | 13.609 | 13.677 | VV | 1269   | 36848   | 1.85%   | 0.110% |  |
| 317 | 13.712 | 13.677 | 13.724 | VV | 2395   | 37191   | 1.86%   | 0.111% |  |
| 318 | 13.727 | 13.724 | 13.750 | VV | 2047   | 21400   | 1.07%   | 0.064% |  |
| 319 | 13.769 | 13.750 | 13.810 | VV | 1229   | 19938   | 1.00%   | 0.059% |  |
| 320 | 13.845 | 13.810 | 13.866 | PV | 560    | 10366   | 0.52%   | 0.031% |  |
| 321 | 13.872 | 13.866 | 13.878 | VV | 192    | 1168    | 0.06%   | 0.003% |  |
| 322 | 13.885 | 13.878 | 13.897 | VV | 139    | 1172    | 0.06%   | 0.003% |  |
| 323 | 13.928 | 13.897 | 13.977 | VV | 789    | 19933   | 1.00%   | 0.059% |  |
| 324 | 13.984 | 13.977 | 13.989 | VV | 245    | 1357    | 0.07%   | 0.004% |  |
| 325 | 13.996 | 13.989 | 14.002 | VV | 211    | 1185    | 0.06%   | 0.004% |  |
| 326 | 14.011 | 14.002 | 14.016 | VV | 144    | 784     | 0.04%   | 0.002% |  |
| 327 | 14.020 | 14.016 | 14.032 | VV | 178    | 1128    | 0.06%   | 0.003% |  |
| 328 | 14.042 | 14.032 | 14.047 | VV | 226    | 1393    | 0.07%   | 0.004% |  |
| 329 | 14.103 | 14.047 | 14.167 | VV | 4203   | 108970  | 5.46%   | 0.325% |  |
| 330 | 14.185 | 14.167 | 14.204 | VV | 1238   | 20688   | 1.04%   | 0.062% |  |
| 331 | 14.218 | 14.204 | 14.241 | VV | 797    | 12358   | 0.62%   | 0.037% |  |
| 332 | 14.273 | 14.241 | 14.322 | VV | 9811   | 142085  | 7.12%   | 0.424% |  |
| 333 | 14.331 | 14.322 | 14.345 | VV | 550    | 6527    | 0.33%   | 0.019% |  |
| 334 | 14.370 | 14.345 | 14.411 | VV | 2370   | 46033   | 2.31%   | 0.137% |  |
| 335 | 14.429 | 14.411 | 14.454 | VV | 2161   | 28424   | 1.43%   | 0.085% |  |
| 336 | 14.489 | 14.454 | 14.514 | VV | 2570   | 41633   | 2.09%   | 0.124% |  |
| 337 | 14.533 | 14.514 | 14.542 | VV | 471    | 6744    | 0.34%   | 0.020% |  |
| 338 | 14.551 | 14.542 | 14.571 | VV | 524    | 6296    | 0.32%   | 0.019% |  |
| 339 | 14.612 | 14.571 | 14.647 | VV | 144725 | 1994520 | 100.00% | 5.951% |  |
| 340 | 14.658 | 14.647 | 14.681 | VV | 1510   | 23368   | 1.17%   | 0.070% |  |
| 341 | 14.693 | 14.681 | 14.716 | VV | 968    | 15075   | 0.76%   | 0.045% |  |
| 342 | 14.740 | 14.716 | 14.759 | VV | 5489   | 71852   | 3.60%   | 0.214% |  |
| 343 | 14.780 | 14.759 | 14.800 | VV | 7031   | 93788   | 4.70%   | 0.280% |  |
| 344 | 14.814 | 14.800 | 14.834 | VV | 2280   | 31482   | 1.58%   | 0.094% |  |
| 345 | 14.858 | 14.834 | 14.886 | VV | 2756   | 37814   | 1.90%   | 0.113% |  |
| 346 | 14.903 | 14.886 | 14.929 | VV | 1434   | 18505   | 0.93%   | 0.055% |  |
| 347 | 14.950 | 14.929 | 14.961 | VV | 319    | 4197    | 0.21%   | 0.013% |  |
| 348 | 14.981 | 14.961 | 14.996 | VV | 432    | 4550    | 0.23%   | 0.014% |  |
| 349 | 15.009 | 14.996 | 15.016 | VV | 264    | 2089    | 0.10%   | 0.006% |  |
| 350 | 15.020 | 15.016 | 15.025 | VV | 169    | 558     | 0.03%   | 0.002% |  |
| 351 | 15.046 | 15.025 | 15.071 | PV | 625    | 12287   | 0.62%   | 0.037% |  |

Instrument :

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WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022



|     |        |        |        |    | retention |        |        |        |
|-----|--------|--------|--------|----|-----------|--------|--------|--------|
| 352 | 15.082 | 15.071 | 15.087 | VV | 497       | 4147   | 0.21%  | 0.012% |
| 353 | 15.093 | 15.087 | 15.096 | VV | 441       | 2060   |        |        |
| 354 | 15.104 | 15.096 | 15.115 | VV | 498       | 4422   |        |        |
| 355 | 15.131 | 15.115 | 15.136 | VV | 582       | 5365   |        |        |
| 356 | 15.140 | 15.136 | 15.143 | VV | 508       | 2011   |        |        |
| 357 | 15.192 | 15.143 | 15.276 | VV | 59757     | 974181 | 48     |        |
| 358 | 15.289 | 15.276 | 15.307 | VV | 1238      | 17081  | 0.86%  | 0.051% |
| 359 | 15.334 | 15.307 | 15.371 | VV | 10743     | 186526 | 9.35%  | 0.557% |
| 360 | 15.387 | 15.371 | 15.399 | VV | 2098      | 28010  | 1.40%  | 0.084% |
| 361 | 15.411 | 15.399 | 15.432 | VV | 2138      | 29518  | 1.48%  | 0.088% |
| 362 | 15.455 | 15.432 | 15.487 | VV | 1818      | 29309  | 1.47%  | 0.087% |
| 363 | 15.497 | 15.487 | 15.514 | VV | 336       | 2816   | 0.14%  | 0.008% |
| 364 | 15.520 | 15.514 | 15.531 | VV | 179       | 1373   | 0.07%  | 0.004% |
| 365 | 15.576 | 15.531 | 15.616 | VV | 1323      | 40392  | 2.03%  | 0.121% |
| 366 | 15.620 | 15.616 | 15.627 | VV | 564       | 3517   | 0.18%  | 0.010% |
| 367 | 15.632 | 15.627 | 15.636 | VV | 578       | 2694   | 0.14%  | 0.008% |
| 368 | 15.650 | 15.636 | 15.684 | VV | 821       | 13845  | 0.69%  | 0.041% |
| 369 | 15.712 | 15.684 | 15.766 | VV | 3078      | 71351  | 3.58%  | 0.213% |
| 370 | 15.769 | 15.766 | 15.784 | VV | 656       | 5699   | 0.29%  | 0.017% |
| 371 | 15.798 | 15.784 | 15.812 | VV | 760       | 9567   | 0.48%  | 0.029% |
| 372 | 15.835 | 15.812 | 15.869 | VV | 3259      | 44247  | 2.22%  | 0.132% |
| 373 | 15.894 | 15.869 | 15.937 | VV | 2883      | 40316  | 2.02%  | 0.120% |
| 374 | 15.968 | 15.937 | 15.992 | PV | 383       | 5122   | 0.26%  | 0.015% |
| 375 | 16.024 | 15.992 | 16.067 | PV | 951       | 23099  | 1.16%  | 0.069% |
| 376 | 16.083 | 16.067 | 16.095 | VV | 641       | 7267   | 0.36%  | 0.022% |
| 377 | 16.132 | 16.095 | 16.142 | VV | 1256      | 20717  | 1.04%  | 0.062% |
| 378 | 16.159 | 16.142 | 16.172 | VV | 1233      | 18511  | 0.93%  | 0.055% |
| 379 | 16.204 | 16.172 | 16.257 | VV | 24159     | 444303 | 22.28% | 1.326% |
| 380 | 16.263 | 16.257 | 16.267 | VV | 1964      | 11851  | 0.59%  | 0.035% |
| 381 | 16.296 | 16.267 | 16.306 | VV | 10921     | 159421 | 7.99%  | 0.476% |
| 382 | 16.316 | 16.306 | 16.363 | VV | 12085     | 179436 | 9.00%  | 0.535% |
| 383 | 16.390 | 16.363 | 16.412 | VV | 3425      | 63083  | 3.16%  | 0.188% |
| 384 | 16.427 | 16.412 | 16.449 | VV | 2108      | 33981  | 1.70%  | 0.101% |
| 385 | 16.461 | 16.449 | 16.471 | VV | 1048      | 12451  | 0.62%  | 0.037% |
| 386 | 16.480 | 16.471 | 16.498 | VV | 978       | 11742  | 0.59%  | 0.035% |
| 387 | 16.518 | 16.498 | 16.522 | VV | 678       | 8646   | 0.43%  | 0.026% |
| 388 | 16.527 | 16.522 | 16.532 | VV | 816       | 4381   | 0.22%  | 0.013% |
| 389 | 16.579 | 16.532 | 16.588 | VV | 3629      | 71614  | 3.59%  | 0.214% |
| 390 | 16.613 | 16.588 | 16.647 | VV | 6986      | 138764 | 6.96%  | 0.414% |
| 391 | 16.675 | 16.647 | 16.723 | VV | 8107      | 168312 | 8.44%  | 0.502% |
| 392 | 16.779 | 16.723 | 16.809 | VV | 6088      | 160969 | 8.07%  | 0.480% |
| 393 | 16.833 | 16.809 | 16.842 | VV | 6300      | 90316  | 4.53%  | 0.269% |
| 394 | 16.859 | 16.842 | 16.895 | VV | 9370      | 146506 | 7.35%  | 0.437% |
| 395 | 16.915 | 16.895 | 16.949 | VV | 1637      | 42871  | 2.15%  | 0.128% |
| 396 | 16.965 | 16.949 | 16.970 | VV | 1242      | 14844  | 0.74%  | 0.044% |
| 397 | 16.986 | 16.970 | 16.992 | VV | 1510      | 17791  | 0.89%  | 0.053% |
| 398 | 17.028 | 16.992 | 17.071 | VV | 2328      | 89514  | 4.49%  | 0.267% |
| 399 | 17.077 | 17.071 | 17.082 | VV | 1784      | 11422  | 0.57%  | 0.034% |
| 400 | 17.146 | 17.082 | 17.206 | VV | 27562     | 621533 | 31.16% | 1.855% |
| 401 | 17.232 | 17.206 | 17.284 | VV | 21901     | 395031 | 19.81% | 1.179% |
| 402 | 17.321 | 17.284 | 17.367 | VV | 5003      | 163176 | 8.18%  | 0.487% |
| 403 | 17.377 | 17.367 | 17.383 | VV | 1804      | 15817  | 0.79%  | 0.047% |
| 404 | 17.398 | 17.383 | 17.420 | VV | 2288      | 42654  | 2.14%  | 0.127% |

Instrument :

FID\_F

ClientSampleId :

WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022



|     |        |        |        |    |       |         |        |        |  |
|-----|--------|--------|--------|----|-------|---------|--------|--------|--|
|     |        |        |        |    | rters |         |        |        |  |
| 405 | 17.448 | 17.420 | 17.472 | VV | 1996  | 53650   | 2.69%  | 0.160% |  |
| 406 | 17.513 | 17.472 | 17.544 | VV | 2879  | 92076   |        |        |  |
| 407 | 17.600 | 17.544 | 17.618 | VV | 4327  | 129855  |        |        |  |
| 408 | 17.642 | 17.618 | 17.653 | VV | 5786  | 100492  |        |        |  |
| 409 | 17.669 | 17.653 | 17.703 | VV | 8232  | 147297  |        |        |  |
| 410 | 17.758 | 17.703 | 17.785 | VV | 19878 | 370267  | 18.29% | 0.160% |  |
| 411 | 17.813 | 17.785 | 17.824 | VV | 4458  | 87647   | 4.39%  | 0.262% |  |
| 412 | 17.841 | 17.824 | 17.869 | VV | 4626  | 102523  | 5.14%  | 0.306% |  |
| 413 | 17.894 | 17.869 | 17.921 | VV | 6169  | 124091  | 6.22%  | 0.370% |  |
| 414 | 17.948 | 17.921 | 17.974 | VV | 7025  | 154325  | 7.74%  | 0.460% |  |
| 415 | 17.984 | 17.974 | 17.996 | VV | 3955  | 49314   | 2.47%  | 0.147% |  |
| 416 | 18.026 | 17.996 | 18.067 | VV | 53423 | 1090534 | 54.68% | 3.254% |  |
| 417 | 18.092 | 18.067 | 18.152 | VV | 31244 | 656184  | 32.90% | 1.958% |  |
| 418 | 18.184 | 18.152 | 18.274 | VV | 7879  | 364739  | 18.29% | 1.088% |  |
| 419 | 18.294 | 18.274 | 18.323 | VV | 7159  | 135116  | 6.77%  | 0.403% |  |
| 420 | 18.354 | 18.323 | 18.362 | VV | 4724  | 94728   | 4.75%  | 0.283% |  |
| 421 | 18.386 | 18.362 | 18.416 | VV | 10085 | 210943  | 10.58% | 0.629% |  |
| 422 | 18.513 | 18.416 | 18.551 | VV | 15834 | 785536  | 39.38% | 2.344% |  |
| 423 | 18.606 | 18.551 | 18.641 | VV | 19297 | 642331  | 32.20% | 1.917% |  |
| 424 | 18.651 | 18.641 | 18.677 | VV | 8591  | 161434  | 8.09%  | 0.482% |  |
| 425 | 18.699 | 18.677 | 18.737 | VV | 9248  | 242371  | 12.15% | 0.723% |  |
| 426 | 18.776 | 18.737 | 18.800 | VV | 24749 | 471619  | 23.65% | 1.407% |  |
| 427 | 18.816 | 18.800 | 18.821 | VV | 8534  | 99550   | 4.99%  | 0.297% |  |
| 428 | 18.853 | 18.821 | 18.878 | VV | 69360 | 1261456 | 63.25% | 3.764% |  |
| 429 | 18.898 | 18.878 | 18.947 | VV | 46033 | 1045635 | 52.43% | 3.120% |  |
| 430 | 18.974 | 18.947 | 19.004 | VV | 15369 | 413346  | 20.72% | 1.233% |  |
| 431 | 19.027 | 19.004 | 19.046 | VV | 16936 | 331571  | 16.62% | 0.989% |  |
| 432 | 19.063 | 19.046 | 19.099 | VV | 13686 | 323771  | 16.23% | 0.966% |  |
| 433 | 19.105 | 19.099 | 19.112 | VV | 7371  | 55002   | 2.76%  | 0.164% |  |
| 434 | 19.137 | 19.112 | 19.159 | VV | 14174 | 327270  | 16.41% | 0.977% |  |
| 435 | 19.182 | 19.159 | 19.231 | VV | 14322 | 433174  | 21.72% | 1.293% |  |
| 436 | 19.285 | 19.231 | 19.293 | VV | 8924  | 278377  | 13.96% | 0.831% |  |
| 437 | 19.308 | 19.293 | 19.320 | VV | 10051 | 149165  | 7.48%  | 0.445% |  |
| 438 | 19.341 | 19.320 | 19.367 | VV | 17321 | 359727  | 18.04% | 1.073% |  |
| 439 | 19.390 | 19.367 | 19.420 | VV | 12121 | 298529  | 14.97% | 0.891% |  |
| 440 | 19.449 | 19.420 | 19.472 | VV | 9705  | 248693  | 12.47% | 0.742% |  |
| 441 | 19.490 | 19.472 | 19.509 | VV | 8201  | 169505  | 8.50%  | 0.506% |  |
| 442 | 19.566 | 19.509 | 19.600 | VV | 18473 | 659932  | 33.09% | 1.969% |  |
| 443 | 19.627 | 19.600 | 19.678 | VV | 27781 | 770923  | 38.65% | 2.300% |  |
| 444 | 19.684 | 19.678 | 19.720 | VV | 10254 | 221322  | 11.10% | 0.660% |  |
| 445 | 19.729 | 19.720 | 19.767 | VV | 7338  | 191996  | 9.63%  | 0.573% |  |
| 446 | 19.805 | 19.767 | 19.854 | VV | 9014  | 422560  | 21.19% | 1.261% |  |
| 447 | 19.893 | 19.854 | 19.913 | VV | 9200  | 297377  | 14.91% | 0.887% |  |
| 448 | 19.951 | 19.913 | 19.989 | VV | 33315 | 723602  | 36.28% | 2.159% |  |
| 449 | 19.992 | 19.989 | 19.997 | VV | 7817  | 37486   | 1.88%  | 0.112% |  |
| 450 | 20.018 | 19.997 | 20.038 | VV | 9543  | 211670  | 10.61% | 0.632% |  |
| 451 | 20.067 | 20.038 | 20.112 | VV | 13110 | 425910  | 21.35% | 1.271% |  |
| 452 | 20.134 | 20.112 | 20.160 | VV | 8562  | 223498  | 11.21% | 0.667% |  |
| 453 | 20.179 | 20.160 | 20.207 | VV | 8050  | 204969  | 10.28% | 0.612% |  |
| 454 | 20.243 | 20.207 | 20.257 | VV | 7163  | 207216  | 10.39% | 0.618% |  |
| 455 | 20.281 | 20.257 | 20.299 | VV | 9474  | 207091  | 10.38% | 0.618% |  |
| 456 | 20.311 | 20.299 | 20.329 | VV | 8157  | 135113  | 6.77%  | 0.403% |  |

Instrument :

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ClientSampleId :

WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

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ClientSampleId :

WASTE

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|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 457 | 20.372 | 20.329 | 20.396 | VV | 10370 | 358750 | 17.99% | 1.070% |
| 458 | 20.410 | 20.396 | 20.442 | VV | 8608  | 220619 | 11.03% | 0.530% |
| 459 | 20.460 | 20.442 | 20.503 | VV | 7430  | 255419 | 12.00% | 0.570% |
| 460 | 20.535 | 20.503 | 20.566 | VV | 12141 | 341820 | 17.00% | 0.700% |
| 461 | 20.572 | 20.566 | 20.621 | VV | 6781  | 191938 | 9.00%  | 0.360% |
| 462 | 20.622 | 20.621 | 20.626 | VV | 5467  | 16384  | 6.00%  | 0.240% |
| 463 | 20.648 | 20.626 | 20.691 | VV | 6101  | 214493 | 10.75% | 0.640% |
| 464 | 20.740 | 20.691 | 20.781 | VV | 8040  | 321134 | 16.10% | 0.958% |
| 465 | 20.786 | 20.781 | 20.799 | VV | 4492  | 46877  | 2.35%  | 0.140% |
| 466 | 20.810 | 20.799 | 20.817 | VV | 4655  | 48974  | 2.46%  | 0.146% |
| 467 | 20.824 | 20.817 | 20.873 | VV | 4619  | 137899 | 6.91%  | 0.411% |
| 468 | 20.894 | 20.873 | 20.902 | VV | 4101  | 68340  | 3.43%  | 0.204% |
| 469 | 20.932 | 20.902 | 20.961 | VV | 4605  | 147399 | 7.39%  | 0.440% |
| 470 | 20.979 | 20.961 | 21.004 | VV | 4140  | 101590 | 5.09%  | 0.303% |
| 471 | 21.051 | 21.004 | 21.113 | VV | 7130  | 303256 | 15.20% | 0.905% |
| 472 | 21.155 | 21.113 | 21.197 | VV | 5541  | 207130 | 10.38% | 0.618% |
| 473 | 21.212 | 21.197 | 21.249 | VV | 3821  | 99596  | 4.99%  | 0.297% |
| 474 | 21.259 | 21.249 | 21.297 | VV | 2785  | 68942  | 3.46%  | 0.206% |
| 475 | 21.310 | 21.297 | 21.318 | VV | 1978  | 23363  | 1.17%  | 0.070% |
| 476 | 21.326 | 21.318 | 21.332 | VV | 1902  | 15350  | 0.77%  | 0.046% |
| 477 | 21.342 | 21.332 | 21.349 | VV | 1867  | 17392  | 0.87%  | 0.052% |
| 478 | 21.378 | 21.349 | 21.417 | VV | 1996  | 69539  | 3.49%  | 0.207% |
| 479 | 21.450 | 21.417 | 21.504 | VV | 3258  | 126399 | 6.34%  | 0.377% |
| 480 | 21.509 | 21.504 | 21.514 | VV | 1841  | 10770  | 0.54%  | 0.032% |
| 481 | 21.520 | 21.514 | 21.524 | VV | 1875  | 11136  | 0.56%  | 0.033% |
| 482 | 21.532 | 21.524 | 21.569 | VV | 2060  | 46090  | 2.31%  | 0.138% |
| 483 | 21.633 | 21.569 | 21.639 | VV | 3653  | 101794 | 5.10%  | 0.304% |
| 484 | 21.657 | 21.639 | 21.724 | VV | 3671  | 100922 | 5.06%  | 0.301% |
| 485 | 21.738 | 21.724 | 21.744 | VV | 384   | 3346   | 0.17%  | 0.010% |
| 486 | 21.748 | 21.744 | 21.776 | VV | 283   | 4334   | 0.22%  | 0.013% |
| 487 | 21.781 | 21.776 | 21.792 | VV | 215   | 859    | 0.04%  | 0.003% |
| 488 | 21.795 | 21.792 | 21.799 | PV | 134   | 232    | 0.01%  | 0.001% |

Sum of corrected areas: 33513609

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