

Instrument :

FID\_F

ClientSampleId :

BW-15-20211103MSD

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110921.M  
 Data File : FF009316.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Nov 2021 18:54  
 Sample : M4507-07MSD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Reviewed By :Ankita Jodhani 11/10/2021  
 Supervised By :mohammad ahmed 11/10/2021

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF110921.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         | 2.363       | 2.340        | 2.466      | BV       | 291846         | 2091485      | 51.34%         | 2.250%        |
| 2         | 2.472       | 2.466        | 2.495      | VV       | 162            | 1665         | 0.04%          | 0.002%        |
| 3         | 2.509       | 2.495        | 2.526      | PV       | 175            | 1885         | 0.05%          | 0.002%        |
| 4         | 2.545       | 2.526        | 2.577      | VV       | 1032           | 13548        | 0.33%          | 0.015%        |
| 5         | 2.584       | 2.577        | 2.594      | VV       | 227            | 2300         | 0.06%          | 0.002%        |
| 6         | 2.603       | 2.594        | 2.617      | VV       | 523            | 4846         | 0.12%          | 0.005%        |
| 7         | 2.630       | 2.617        | 2.716      | VV       | 687            | 7493         | 0.18%          | 0.008%        |
| 8         | 2.719       | 2.716        | 2.747      | PV       | 100            | 353          | 0.01%          | 0.000%        |
| 9         | 2.751       | 2.747        | 2.785      | PV       | 93             | 1350         | 0.03%          | 0.001%        |
| 10        | 2.796       | 2.785        | 2.812      | VV       | 112            | 1196         | 0.03%          | 0.001%        |
| 11        | 2.818       | 2.812        | 2.841      | VV       | 180            | 1611         | 0.04%          | 0.002%        |
| 12        | 2.846       | 2.841        | 2.911      | PV       | 89             | 2853         | 0.07%          | 0.003%        |
| 13        | 2.933       | 2.911        | 2.959      | VV       | 406            | 6164         | 0.15%          | 0.007%        |
| 14        | 2.972       | 2.959        | 2.989      | VV       | 250            | 3091         | 0.08%          | 0.003%        |
| 15        | 2.992       | 2.989        | 3.015      | VV       | 222            | 2357         | 0.06%          | 0.003%        |
| 16        | 3.020       | 3.015        | 3.035      | VV       | 179            | 1886         | 0.05%          | 0.002%        |
| 17        | 3.050       | 3.035        | 3.062      | VV       | 349            | 3100         | 0.08%          | 0.003%        |
| 18        | 3.069       | 3.062        | 3.082      | VV       | 192            | 1425         | 0.03%          | 0.002%        |
| 19        | 3.087       | 3.082        | 3.095      | VV       | 147            | 811          | 0.02%          | 0.001%        |
| 20        | 3.123       | 3.095        | 3.158      | VV       | 493            | 7860         | 0.19%          | 0.008%        |
| 21        | 3.165       | 3.158        | 3.184      | VV       | 142            | 1773         | 0.04%          | 0.002%        |
| 22        | 3.190       | 3.184        | 3.204      | VV       | 190            | 1582         | 0.04%          | 0.002%        |
| 23        | 3.207       | 3.204        | 3.223      | VV       | 185            | 1045         | 0.03%          | 0.001%        |
| 24        | 3.229       | 3.223        | 3.244      | VV       | 206            | 1218         | 0.03%          | 0.001%        |
| 25        | 3.248       | 3.244        | 3.265      | VV       | 177            | 1103         | 0.03%          | 0.001%        |
| 26        | 3.269       | 3.265        | 3.293      | VV       | 169            | 1845         | 0.05%          | 0.002%        |
| 27        | 3.297       | 3.293        | 3.336      | PV       | 145            | 2942         | 0.07%          | 0.003%        |
| 28        | 3.341       | 3.336        | 3.375      | VV       | 174            | 2377         | 0.06%          | 0.003%        |
| 29        | 3.389       | 3.375        | 3.403      | VV       | 675            | 6384         | 0.16%          | 0.007%        |
| 30        | 3.408       | 3.403        | 3.419      | VV       | 124            | 905          | 0.02%          | 0.001%        |
| 31        | 3.425       | 3.419        | 3.456      | VV       | 158            | 2202         | 0.05%          | 0.002%        |
| 32        | 3.459       | 3.456        | 3.491      | VV       | 132            | 1921         | 0.05%          | 0.002%        |
| 33        | 3.493       | 3.491        | 3.510      | VV       | 157            | 954          | 0.02%          | 0.001%        |
| 34        | 3.518       | 3.510        | 3.532      | VV       | 170            | 1275         | 0.03%          | 0.001%        |
| 35        | 3.553       | 3.532        | 3.574      | VV       | 267            | 3311         | 0.08%          | 0.004%        |
| 36        | 3.579       | 3.574        | 3.597      | PV       | 179            | 1329         | 0.03%          | 0.001%        |

|    |       |       |       |    | retention |         |        |        |  |
|----|-------|-------|-------|----|-----------|---------|--------|--------|--|
| 37 | 3.606 | 3.597 | 3.614 | VV | 167       | 991     | 0.02%  | 0.001% |  |
| 38 | 3.617 | 3.614 | 3.623 | VV | 104       | 656     |        |        |  |
| 39 | 3.638 | 3.623 | 3.652 | VV | 203       | 2070    |        |        |  |
| 40 | 3.666 | 3.652 | 3.690 | VV | 292       | 4364    |        |        |  |
| 41 | 3.693 | 3.690 | 3.710 | VV | 183       | 1202    |        |        |  |
| 42 | 3.722 | 3.710 | 3.741 | VV | 344       | 3521    |        |        |  |
| 43 | 3.746 | 3.741 | 3.755 | VV | 172       | 1108    | 0.03%  | 0.001% |  |
| 44 | 3.764 | 3.755 | 3.775 | VV | 242       | 1796    | 0.04%  | 0.002% |  |
| 45 | 3.780 | 3.775 | 3.812 | VV | 165       | 2682    | 0.07%  | 0.003% |  |
| 46 | 3.832 | 3.812 | 3.853 | PV | 266       | 3273    | 0.08%  | 0.004% |  |
| 47 | 3.867 | 3.853 | 3.880 | VV | 299       | 3422    | 0.08%  | 0.004% |  |
| 48 | 3.893 | 3.880 | 3.912 | VV | 288       | 3528    | 0.09%  | 0.004% |  |
| 49 | 3.932 | 3.912 | 3.949 | VV | 222       | 3096    | 0.08%  | 0.003% |  |
| 50 | 3.954 | 3.949 | 3.960 | VV | 151       | 638     | 0.02%  | 0.001% |  |
| 51 | 3.974 | 3.960 | 3.982 | VV | 217       | 1678    | 0.04%  | 0.002% |  |
| 52 | 3.986 | 3.982 | 3.989 | VV | 166       | 621     | 0.02%  | 0.001% |  |
| 53 | 3.994 | 3.989 | 3.999 | VV | 220       | 939     | 0.02%  | 0.001% |  |
| 54 | 4.007 | 3.999 | 4.030 | VV | 233       | 2151    | 0.05%  | 0.002% |  |
| 55 | 4.039 | 4.030 | 4.049 | PV | 209       | 1415    | 0.03%  | 0.002% |  |
| 56 | 4.061 | 4.049 | 4.077 | VV | 468       | 4687    | 0.12%  | 0.005% |  |
| 57 | 4.088 | 4.077 | 4.110 | VV | 387       | 4443    | 0.11%  | 0.005% |  |
| 58 | 4.111 | 4.110 | 4.132 | VV | 283       | 2430    | 0.06%  | 0.003% |  |
| 59 | 4.141 | 4.132 | 4.145 | VV | 280       | 1764    | 0.04%  | 0.002% |  |
| 60 | 4.153 | 4.145 | 4.173 | VV | 321       | 3335    | 0.08%  | 0.004% |  |
| 61 | 4.187 | 4.173 | 4.199 | VV | 299       | 3278    | 0.08%  | 0.004% |  |
| 62 | 4.205 | 4.199 | 4.216 | VV | 216       | 1951    | 0.05%  | 0.002% |  |
| 63 | 4.230 | 4.216 | 4.257 | VV | 399       | 6440    | 0.16%  | 0.007% |  |
| 64 | 4.269 | 4.257 | 4.292 | VV | 356       | 5367    | 0.13%  | 0.006% |  |
| 65 | 4.317 | 4.292 | 4.338 | VV | 435       | 7168    | 0.18%  | 0.008% |  |
| 66 | 4.383 | 4.338 | 4.395 | VV | 396       | 7622    | 0.19%  | 0.008% |  |
| 67 | 4.415 | 4.395 | 4.430 | VV | 329       | 5457    | 0.13%  | 0.006% |  |
| 68 | 4.458 | 4.430 | 4.536 | VV | 315440    | 2834109 | 69.57% | 3.048% |  |
| 69 | 4.546 | 4.536 | 4.565 | VV | 888       | 11995   | 0.29%  | 0.013% |  |
| 70 | 4.567 | 4.565 | 4.579 | VV | 663       | 4573    | 0.11%  | 0.005% |  |
| 71 | 4.583 | 4.579 | 4.595 | VV | 584       | 5044    | 0.12%  | 0.005% |  |
| 72 | 4.612 | 4.595 | 4.638 | VV | 771       | 14712   | 0.36%  | 0.016% |  |
| 73 | 4.640 | 4.638 | 4.657 | VV | 472       | 5005    | 0.12%  | 0.005% |  |
| 74 | 4.669 | 4.657 | 4.678 | VV | 531       | 5687    | 0.14%  | 0.006% |  |
| 75 | 4.685 | 4.678 | 4.707 | VV | 492       | 6027    | 0.15%  | 0.006% |  |
| 76 | 4.721 | 4.707 | 4.768 | VV | 552       | 13638   | 0.33%  | 0.015% |  |
| 77 | 4.794 | 4.768 | 4.826 | VV | 936       | 15211   | 0.37%  | 0.016% |  |
| 78 | 4.843 | 4.826 | 4.868 | VV | 363       | 4348    | 0.11%  | 0.005% |  |
| 79 | 4.902 | 4.868 | 4.939 | VV | 1097      | 14256   | 0.35%  | 0.015% |  |
| 80 | 4.946 | 4.939 | 4.951 | VV | 216       | 1047    | 0.03%  | 0.001% |  |
| 81 | 4.962 | 4.951 | 4.979 | VV | 383       | 3658    | 0.09%  | 0.004% |  |
| 82 | 4.993 | 4.979 | 5.005 | VV | 214       | 2580    | 0.06%  | 0.003% |  |
| 83 | 5.010 | 5.005 | 5.014 | VV | 204       | 670     | 0.02%  | 0.001% |  |
| 84 | 5.019 | 5.014 | 5.030 | VV | 135       | 883     | 0.02%  | 0.001% |  |
| 85 | 5.062 | 5.030 | 5.104 | PV | 1007      | 16912   | 0.42%  | 0.018% |  |
| 86 | 5.109 | 5.104 | 5.125 | VV | 165       | 1518    | 0.04%  | 0.002% |  |
| 87 | 5.144 | 5.125 | 5.164 | VV | 191       | 2741    | 0.07%  | 0.003% |  |
| 88 | 5.178 | 5.164 | 5.210 | VV | 374       | 6598    | 0.16%  | 0.007% |  |
| 89 | 5.250 | 5.210 | 5.275 | VV | 584       | 12231   | 0.30%  | 0.013% |  |

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|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 5.282 | 5.275 | 5.301 | VV | 357    | 3337    | 0.08%  | 0.004% |
| 91  | 5.314 | 5.301 | 5.329 | VV | 347    | 4042    |        |        |
| 92  | 5.337 | 5.329 | 5.363 | VV | 339    | 4455    |        |        |
| 93  | 5.372 | 5.363 | 5.390 | VV | 272    | 3001    |        |        |
| 94  | 5.392 | 5.390 | 5.404 | VV | 222    | 1123    |        |        |
| 95  | 5.411 | 5.404 | 5.426 | VV | 164    | 1390    |        |        |
| 96  | 5.439 | 5.426 | 5.479 | VV | 457    | 6710    | 0.16%  | 0.007% |
| 97  | 5.495 | 5.479 | 5.523 | PV | 1074   | 11737   | 0.29%  | 0.013% |
| 98  | 5.546 | 5.523 | 5.564 | VV | 431    | 5570    | 0.14%  | 0.006% |
| 99  | 5.594 | 5.564 | 5.613 | VV | 376    | 7399    | 0.18%  | 0.008% |
| 100 | 5.621 | 5.613 | 5.625 | VV | 223    | 1274    | 0.03%  | 0.001% |
| 101 | 5.649 | 5.625 | 5.681 | VV | 356    | 7806    | 0.19%  | 0.008% |
| 102 | 5.685 | 5.681 | 5.698 | VV | 191    | 1413    | 0.03%  | 0.002% |
| 103 | 5.707 | 5.698 | 5.730 | VV | 310    | 4230    | 0.10%  | 0.005% |
| 104 | 5.746 | 5.730 | 5.755 | VV | 484    | 5476    | 0.13%  | 0.006% |
| 105 | 5.764 | 5.755 | 5.797 | VV | 543    | 5962    | 0.15%  | 0.006% |
| 106 | 5.805 | 5.797 | 5.823 | VV | 142    | 1187    | 0.03%  | 0.001% |
| 107 | 5.837 | 5.823 | 5.856 | VV | 259    | 2700    | 0.07%  | 0.003% |
| 108 | 5.869 | 5.856 | 5.873 | VV | 133    | 1076    | 0.03%  | 0.001% |
| 109 | 5.884 | 5.873 | 5.902 | VV | 185    | 1850    | 0.05%  | 0.002% |
| 110 | 5.910 | 5.902 | 5.935 | VV | 198    | 2079    | 0.05%  | 0.002% |
| 111 | 5.948 | 5.935 | 5.959 | PV | 257    | 2578    | 0.06%  | 0.003% |
| 112 | 5.977 | 5.959 | 6.012 | VV | 384    | 7506    | 0.18%  | 0.008% |
| 113 | 6.055 | 6.012 | 6.070 | VV | 398    | 7339    | 0.18%  | 0.008% |
| 114 | 6.076 | 6.070 | 6.097 | VV | 351    | 4594    | 0.11%  | 0.005% |
| 115 | 6.107 | 6.097 | 6.112 | VV | 291    | 1986    | 0.05%  | 0.002% |
| 116 | 6.116 | 6.112 | 6.119 | VV | 262    | 893     | 0.02%  | 0.001% |
| 117 | 6.127 | 6.119 | 6.139 | VV | 360    | 3152    | 0.08%  | 0.003% |
| 118 | 6.149 | 6.139 | 6.162 | VV | 417    | 5218    | 0.13%  | 0.006% |
| 119 | 6.196 | 6.162 | 6.244 | VV | 1026   | 24814   | 0.61%  | 0.027% |
| 120 | 6.261 | 6.244 | 6.280 | VV | 363    | 5349    | 0.13%  | 0.006% |
| 121 | 6.290 | 6.280 | 6.295 | VV | 269    | 1986    | 0.05%  | 0.002% |
| 122 | 6.305 | 6.295 | 6.312 | VV | 339    | 2730    | 0.07%  | 0.003% |
| 123 | 6.317 | 6.312 | 6.323 | VV | 249    | 1365    | 0.03%  | 0.001% |
| 124 | 6.332 | 6.323 | 6.353 | VV | 277    | 2586    | 0.06%  | 0.003% |
| 125 | 6.378 | 6.353 | 6.391 | VV | 234    | 3241    | 0.08%  | 0.003% |
| 126 | 6.400 | 6.391 | 6.408 | VV | 250    | 1858    | 0.05%  | 0.002% |
| 127 | 6.412 | 6.408 | 6.419 | VV | 269    | 1284    | 0.03%  | 0.001% |
| 128 | 6.433 | 6.419 | 6.447 | VV | 305    | 3742    | 0.09%  | 0.004% |
| 129 | 6.475 | 6.447 | 6.616 | VV | 295397 | 2908365 | 71.39% | 3.128% |
| 130 | 6.629 | 6.616 | 6.641 | VV | 659    | 8498    | 0.21%  | 0.009% |
| 131 | 6.660 | 6.641 | 6.688 | VV | 710    | 15277   | 0.38%  | 0.016% |
| 132 | 6.713 | 6.688 | 6.740 | VV | 950    | 17491   | 0.43%  | 0.019% |
| 133 | 6.757 | 6.740 | 6.779 | VV | 516    | 9836    | 0.24%  | 0.011% |
| 134 | 6.799 | 6.779 | 6.825 | VV | 509    | 9906    | 0.24%  | 0.011% |
| 135 | 6.832 | 6.825 | 6.851 | VV | 414    | 4453    | 0.11%  | 0.005% |
| 136 | 6.881 | 6.851 | 6.916 | VV | 524    | 11482   | 0.28%  | 0.012% |
| 137 | 6.931 | 6.916 | 6.937 | VV | 366    | 3645    | 0.09%  | 0.004% |
| 138 | 6.947 | 6.937 | 6.959 | VV | 311    | 3436    | 0.08%  | 0.004% |
| 139 | 6.970 | 6.959 | 6.987 | VV | 427    | 5091    | 0.12%  | 0.005% |
| 140 | 6.999 | 6.987 | 7.009 | VV | 393    | 4730    | 0.12%  | 0.005% |
| 141 | 7.028 | 7.009 | 7.050 | VV | 579    | 9426    | 0.23%  | 0.010% |

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|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 142 | 7.064 | 7.050 | 7.098 | VV | 477    | 9171    | 0.23%  | 0.010% |
| 143 | 7.107 | 7.098 | 7.110 | VV | 254    | 1317    |        |        |
| 144 | 7.137 | 7.110 | 7.172 | VV | 344    | 8389    |        |        |
| 145 | 7.198 | 7.172 | 7.236 | VV | 406    | 9477    |        |        |
| 146 | 7.243 | 7.236 | 7.266 | VV | 270    | 3230    |        |        |
| 147 | 7.270 | 7.266 | 7.274 | VV | 209    | 604     |        |        |
| 148 | 7.304 | 7.274 | 7.318 | VV | 289    | 4154    | 0.10%  | 0.004% |
| 149 | 7.340 | 7.318 | 7.365 | VV | 602    | 9757    | 0.24%  | 0.010% |
| 150 | 7.370 | 7.365 | 7.383 | VV | 221    | 1927    | 0.05%  | 0.002% |
| 151 | 7.399 | 7.383 | 7.421 | VV | 755    | 10346   | 0.25%  | 0.011% |
| 152 | 7.466 | 7.421 | 7.478 | VV | 572    | 13666   | 0.34%  | 0.015% |
| 153 | 7.485 | 7.478 | 7.512 | VV | 480    | 5640    | 0.14%  | 0.006% |
| 154 | 7.519 | 7.512 | 7.524 | VV | 227    | 1082    | 0.03%  | 0.001% |
| 155 | 7.541 | 7.524 | 7.551 | VV | 353    | 3853    | 0.09%  | 0.004% |
| 156 | 7.577 | 7.551 | 7.610 | VV | 348    | 7267    | 0.18%  | 0.008% |
| 157 | 7.621 | 7.610 | 7.643 | VV | 258    | 3034    | 0.07%  | 0.003% |
| 158 | 7.660 | 7.643 | 7.667 | PV | 445    | 4159    | 0.10%  | 0.004% |
| 159 | 7.684 | 7.667 | 7.721 | VV | 620    | 11197   | 0.27%  | 0.012% |
| 160 | 7.756 | 7.721 | 7.790 | PV | 497    | 11964   | 0.29%  | 0.013% |
| 161 | 7.809 | 7.790 | 7.820 | VV | 439    | 6007    | 0.15%  | 0.006% |
| 162 | 7.845 | 7.820 | 7.853 | VV | 555    | 8266    | 0.20%  | 0.009% |
| 163 | 7.857 | 7.853 | 7.875 | VV | 435    | 4500    | 0.11%  | 0.005% |
| 164 | 7.879 | 7.875 | 7.888 | VV | 326    | 2154    | 0.05%  | 0.002% |
| 165 | 7.894 | 7.888 | 7.921 | VV | 401    | 4789    | 0.12%  | 0.005% |
| 166 | 7.961 | 7.921 | 7.980 | VV | 563    | 11245   | 0.28%  | 0.012% |
| 167 | 7.990 | 7.980 | 7.999 | VV | 256    | 2225    | 0.05%  | 0.002% |
| 168 | 8.017 | 7.999 | 8.039 | VV | 524    | 8775    | 0.22%  | 0.009% |
| 169 | 8.044 | 8.039 | 8.071 | VV | 300    | 4058    | 0.10%  | 0.004% |
| 170 | 8.084 | 8.071 | 8.095 | VV | 285    | 2518    | 0.06%  | 0.003% |
| 171 | 8.131 | 8.095 | 8.154 | VV | 732    | 14759   | 0.36%  | 0.016% |
| 172 | 8.179 | 8.154 | 8.206 | VV | 814    | 16801   | 0.41%  | 0.018% |
| 173 | 8.231 | 8.206 | 8.239 | VV | 883    | 12402   | 0.30%  | 0.013% |
| 174 | 8.268 | 8.239 | 8.382 | VV | 204549 | 2780067 | 68.24% | 2.990% |
| 175 | 8.385 | 8.382 | 8.422 | VV | 3753   | 71152   | 1.75%  | 0.077% |
| 176 | 8.433 | 8.422 | 8.465 | VV | 2458   | 56078   | 1.38%  | 0.060% |
| 177 | 8.479 | 8.465 | 8.525 | VV | 1850   | 59987   | 1.47%  | 0.065% |
| 178 | 8.531 | 8.525 | 8.571 | VV | 1436   | 33834   | 0.83%  | 0.036% |
| 179 | 8.578 | 8.571 | 8.595 | VV | 1177   | 14943   | 0.37%  | 0.016% |
| 180 | 8.612 | 8.595 | 8.618 | VV | 1517   | 18650   | 0.46%  | 0.020% |
| 181 | 8.633 | 8.618 | 8.649 | VV | 2611   | 37170   | 0.91%  | 0.040% |
| 182 | 8.661 | 8.649 | 8.678 | VV | 1561   | 25614   | 0.63%  | 0.028% |
| 183 | 8.700 | 8.678 | 8.716 | VV | 2233   | 39633   | 0.97%  | 0.043% |
| 184 | 8.729 | 8.716 | 8.753 | VV | 1936   | 36119   | 0.89%  | 0.039% |
| 185 | 8.759 | 8.753 | 8.792 | VV | 1571   | 33150   | 0.81%  | 0.036% |
| 186 | 8.796 | 8.792 | 8.818 | VV | 1347   | 17986   | 0.44%  | 0.019% |
| 187 | 8.826 | 8.818 | 8.837 | VV | 1143   | 12049   | 0.30%  | 0.013% |
| 188 | 8.856 | 8.837 | 8.868 | VV | 1283   | 20707   | 0.51%  | 0.022% |
| 189 | 8.883 | 8.868 | 8.893 | VV | 1476   | 20147   | 0.49%  | 0.022% |
| 190 | 8.909 | 8.893 | 8.919 | VV | 1414   | 21476   | 0.53%  | 0.023% |
| 191 | 8.922 | 8.919 | 8.940 | VV | 1372   | 15309   | 0.38%  | 0.016% |
| 192 | 8.943 | 8.940 | 8.959 | VV | 1211   | 13158   | 0.32%  | 0.014% |
| 193 | 8.992 | 8.959 | 8.998 | VV | 1557   | 31071   | 0.76%  | 0.033% |
| 194 | 9.010 | 8.998 | 9.030 | VV | 1775   | 28408   | 0.70%  | 0.031% |

Instrument :

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ClientSampleId :

BW-15-20211103MSD

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/10/2021

Supervised By :mohammad ahmed 11/10/2021

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 9.039  | 9.030  | 9.051  | VV | 1336   | 15694   | 0.39%  | 0.017% |
| 196 | 9.064  | 9.051  | 9.074  | VV | 1365   | 17197   |        |        |
| 197 | 9.101  | 9.074  | 9.109  | VV | 1714   | 33273   |        |        |
| 198 | 9.126  | 9.109  | 9.143  | VV | 1768   | 33104   |        |        |
| 199 | 9.150  | 9.143  | 9.174  | VV | 1669   | 29106   |        |        |
| 200 | 9.208  | 9.174  | 9.228  | VV | 1996   | 57591   |        |        |
| 201 | 9.243  | 9.228  | 9.255  | VV | 1545   | 23924   | 0.59%  | 0.026% |
| 202 | 9.270  | 9.255  | 9.284  | VV | 1842   | 27279   | 0.67%  | 0.029% |
| 203 | 9.313  | 9.284  | 9.337  | VV | 1962   | 56760   | 1.39%  | 0.061% |
| 204 | 9.348  | 9.337  | 9.359  | VV | 1743   | 20814   | 0.51%  | 0.022% |
| 205 | 9.393  | 9.359  | 9.415  | VV | 2429   | 66317   | 1.63%  | 0.071% |
| 206 | 9.430  | 9.415  | 9.442  | VV | 2153   | 31386   | 0.77%  | 0.034% |
| 207 | 9.464  | 9.442  | 9.489  | VV | 4206   | 78711   | 1.93%  | 0.085% |
| 208 | 9.505  | 9.489  | 9.533  | VV | 3925   | 70991   | 1.74%  | 0.076% |
| 209 | 9.539  | 9.533  | 9.550  | VV | 1949   | 19736   | 0.48%  | 0.021% |
| 210 | 9.560  | 9.550  | 9.563  | VV | 1926   | 14450   | 0.35%  | 0.016% |
| 211 | 9.566  | 9.563  | 9.580  | VV | 1923   | 18113   | 0.44%  | 0.019% |
| 212 | 9.604  | 9.580  | 9.623  | VV | 2215   | 49420   | 1.21%  | 0.053% |
| 213 | 9.646  | 9.623  | 9.674  | VV | 4046   | 79120   | 1.94%  | 0.085% |
| 214 | 9.689  | 9.674  | 9.703  | VV | 2223   | 35649   | 0.88%  | 0.038% |
| 215 | 9.720  | 9.703  | 9.723  | VV | 2062   | 24337   | 0.60%  | 0.026% |
| 216 | 9.744  | 9.723  | 9.755  | VV | 2263   | 39530   | 0.97%  | 0.043% |
| 217 | 9.764  | 9.755  | 9.772  | VV | 2089   | 21206   | 0.52%  | 0.023% |
| 218 | 9.775  | 9.772  | 9.790  | VV | 2020   | 20646   | 0.51%  | 0.022% |
| 219 | 9.814  | 9.790  | 9.831  | VV | 2275   | 52502   | 1.29%  | 0.056% |
| 220 | 9.865  | 9.831  | 9.941  | VV | 238522 | 2970687 | 72.92% | 3.195% |
| 221 | 9.949  | 9.941  | 10.017 | VV | 3962   | 154072  | 3.78%  | 0.166% |
| 222 | 10.040 | 10.017 | 10.044 | VV | 3214   | 47536   | 1.17%  | 0.051% |
| 223 | 10.051 | 10.044 | 10.062 | VV | 3170   | 33725   | 0.83%  | 0.036% |
| 224 | 10.068 | 10.062 | 10.098 | VV | 3245   | 64195   | 1.58%  | 0.069% |
| 225 | 10.107 | 10.098 | 10.124 | VV | 2927   | 44292   | 1.09%  | 0.048% |
| 226 | 10.134 | 10.124 | 10.147 | VV | 2827   | 36710   | 0.90%  | 0.039% |
| 227 | 10.161 | 10.147 | 10.172 | VV | 3016   | 42498   | 1.04%  | 0.046% |
| 228 | 10.192 | 10.172 | 10.197 | VV | 3295   | 45066   | 1.11%  | 0.048% |
| 229 | 10.201 | 10.197 | 10.213 | VV | 3186   | 29423   | 0.72%  | 0.032% |
| 230 | 10.223 | 10.213 | 10.228 | VV | 3093   | 26246   | 0.64%  | 0.028% |
| 231 | 10.256 | 10.228 | 10.280 | VV | 3289   | 95491   | 2.34%  | 0.103% |
| 232 | 10.298 | 10.280 | 10.319 | VV | 3331   | 73337   | 1.80%  | 0.079% |
| 233 | 10.336 | 10.319 | 10.359 | VV | 3724   | 80175   | 1.97%  | 0.086% |
| 234 | 10.364 | 10.359 | 10.368 | VV | 3296   | 17610   | 0.43%  | 0.019% |
| 235 | 10.396 | 10.368 | 10.406 | VV | 3542   | 77885   | 1.91%  | 0.084% |
| 236 | 10.416 | 10.406 | 10.422 | VV | 3495   | 31801   | 0.78%  | 0.034% |
| 237 | 10.437 | 10.422 | 10.460 | VV | 3835   | 82644   | 2.03%  | 0.089% |
| 238 | 10.469 | 10.460 | 10.495 | VV | 3777   | 77232   | 1.90%  | 0.083% |
| 239 | 10.510 | 10.495 | 10.513 | VV | 3794   | 39650   | 0.97%  | 0.043% |
| 240 | 10.536 | 10.513 | 10.548 | VV | 4042   | 79188   | 1.94%  | 0.085% |
| 241 | 10.568 | 10.548 | 10.584 | VV | 4331   | 88061   | 2.16%  | 0.095% |
| 242 | 10.600 | 10.584 | 10.617 | VV | 4493   | 83473   | 2.05%  | 0.090% |
| 243 | 10.635 | 10.617 | 10.641 | VV | 4141   | 57822   | 1.42%  | 0.062% |
| 244 | 10.658 | 10.641 | 10.670 | VV | 4216   | 70788   | 1.74%  | 0.076% |
| 245 | 10.683 | 10.670 | 10.703 | VV | 4336   | 83100   | 2.04%  | 0.089% |
| 246 | 10.716 | 10.703 | 10.740 | VV | 4271   | 91711   | 2.25%  | 0.099% |

Instrument :

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ClientSampleId :

BW-15-20211103MSD

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/10/2021

Supervised By :mohammad ahmed 11/10/2021

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 10.745 | 10.740 | 10.756 | VV | 4216   | 39061   | 0.96%  | 0.042% |
| 248 | 10.783 | 10.756 | 10.792 | VV | 4318   | 89691   |        |        |
| 249 | 10.808 | 10.792 | 10.817 | VV | 4496   | 65548   |        |        |
| 250 | 10.849 | 10.817 | 10.860 | VV | 4812   | 116804  |        |        |
| 251 | 10.867 | 10.860 | 10.891 | VV | 4863   | 89173   |        |        |
| 252 | 10.901 | 10.891 | 10.905 | VV | 4744   | 38553   |        |        |
| 253 | 10.923 | 10.905 | 10.929 | VV | 4971   | 68554   | 1.68%  | 0.074% |
| 254 | 10.936 | 10.929 | 10.941 | VV | 4947   | 36843   | 0.90%  | 0.040% |
| 255 | 10.946 | 10.941 | 10.956 | VV | 5046   | 42839   | 1.05%  | 0.046% |
| 256 | 10.976 | 10.956 | 10.997 | VV | 5540   | 127425  | 3.13%  | 0.137% |
| 257 | 11.030 | 10.997 | 11.046 | VV | 5592   | 155633  | 3.82%  | 0.167% |
| 258 | 11.049 | 11.046 | 11.074 | VV | 5416   | 85526   | 2.10%  | 0.092% |
| 259 | 11.124 | 11.074 | 11.145 | VV | 6074   | 235483  | 5.78%  | 0.253% |
| 260 | 11.149 | 11.145 | 11.159 | VV | 5976   | 49132   | 1.21%  | 0.053% |
| 261 | 11.163 | 11.159 | 11.167 | VV | 5684   | 28013   | 0.69%  | 0.030% |
| 262 | 11.180 | 11.167 | 11.189 | VV | 5771   | 73187   | 1.80%  | 0.079% |
| 263 | 11.193 | 11.189 | 11.203 | VV | 5718   | 48311   | 1.19%  | 0.052% |
| 264 | 11.212 | 11.203 | 11.227 | VV | 5996   | 84509   | 2.07%  | 0.091% |
| 265 | 11.232 | 11.227 | 11.251 | VV | 5961   | 84854   | 2.08%  | 0.091% |
| 266 | 11.265 | 11.251 | 11.270 | VV | 6184   | 67414   | 1.65%  | 0.073% |
| 267 | 11.304 | 11.270 | 11.371 | VV | 262013 | 3353317 | 82.32% | 3.607% |
| 268 | 11.390 | 11.371 | 11.412 | VV | 7440   | 170694  | 4.19%  | 0.184% |
| 269 | 11.424 | 11.412 | 11.443 | VV | 6674   | 119579  | 2.94%  | 0.129% |
| 270 | 11.465 | 11.443 | 11.488 | VV | 7044   | 182249  | 4.47%  | 0.196% |
| 271 | 11.494 | 11.488 | 11.504 | VV | 6962   | 64883   | 1.59%  | 0.070% |
| 272 | 11.515 | 11.504 | 11.519 | VV | 6679   | 59455   | 1.46%  | 0.064% |
| 273 | 11.542 | 11.519 | 11.573 | VV | 7047   | 218333  | 5.36%  | 0.235% |
| 274 | 11.595 | 11.573 | 11.610 | VV | 7167   | 152162  | 3.74%  | 0.164% |
| 275 | 11.616 | 11.610 | 11.623 | VV | 7023   | 55442   | 1.36%  | 0.060% |
| 276 | 11.625 | 11.623 | 11.648 | VV | 6937   | 101577  | 2.49%  | 0.109% |
| 277 | 11.661 | 11.648 | 11.667 | VV | 7112   | 79139   | 1.94%  | 0.085% |
| 278 | 11.693 | 11.667 | 11.701 | VV | 7779   | 151386  | 3.72%  | 0.163% |
| 279 | 11.706 | 11.701 | 11.715 | VV | 7747   | 64292   | 1.58%  | 0.069% |
| 280 | 11.719 | 11.715 | 11.745 | VV | 7569   | 128928  | 3.16%  | 0.139% |
| 281 | 11.761 | 11.745 | 11.765 | VV | 7810   | 91267   | 2.24%  | 0.098% |
| 282 | 11.768 | 11.765 | 11.777 | VV | 7775   | 57525   | 1.41%  | 0.062% |
| 283 | 11.788 | 11.777 | 11.807 | VV | 8149   | 140889  | 3.46%  | 0.152% |
| 284 | 11.815 | 11.807 | 11.832 | VV | 7961   | 113601  | 2.79%  | 0.122% |
| 285 | 11.838 | 11.832 | 11.851 | VV | 7808   | 88556   | 2.17%  | 0.095% |
| 286 | 11.855 | 11.851 | 11.860 | VV | 7429   | 40687   | 1.00%  | 0.044% |
| 287 | 11.895 | 11.860 | 11.901 | VV | 7712   | 184540  | 4.53%  | 0.198% |
| 288 | 11.918 | 11.901 | 11.939 | VV | 8417   | 182906  | 4.49%  | 0.197% |
| 289 | 11.966 | 11.939 | 11.969 | VV | 9050   | 156705  | 3.85%  | 0.169% |
| 290 | 11.977 | 11.969 | 12.008 | VV | 9042   | 196060  | 4.81%  | 0.211% |
| 291 | 12.022 | 12.008 | 12.035 | VV | 8295   | 134663  | 3.31%  | 0.145% |
| 292 | 12.051 | 12.035 | 12.058 | VV | 8522   | 113531  | 2.79%  | 0.122% |
| 293 | 12.063 | 12.058 | 12.069 | VV | 8671   | 55360   | 1.36%  | 0.060% |
| 294 | 12.080 | 12.069 | 12.085 | VV | 8737   | 85153   | 2.09%  | 0.092% |
| 295 | 12.091 | 12.085 | 12.096 | VV | 8640   | 53988   | 1.33%  | 0.058% |
| 296 | 12.104 | 12.096 | 12.119 | VV | 8634   | 116014  | 2.85%  | 0.125% |
| 297 | 12.132 | 12.119 | 12.153 | VV | 8618   | 174582  | 4.29%  | 0.188% |
| 298 | 12.163 | 12.153 | 12.168 | VV | 8691   | 74891   | 1.84%  | 0.081% |
| 299 | 12.172 | 12.168 | 12.181 | VV | 8755   | 68658   | 1.69%  | 0.074% |

Instrument :

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BW-15-20211103MSD

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Supervised By :mohammad ahmed 11/10/2021

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 12.186 | 12.181 | 12.202 | VV | 8734   | 106627  | 2.62%  | 0.115% |
| 301 | 12.226 | 12.202 | 12.260 | VV | 10549  | 330316  |        |        |
| 302 | 12.273 | 12.260 | 12.280 | VV | 9401   | 113993  |        |        |
| 303 | 12.287 | 12.280 | 12.292 | VV | 9177   | 66238   |        |        |
| 304 | 12.312 | 12.292 | 12.331 | VV | 9467   | 213731  |        |        |
| 305 | 12.357 | 12.331 | 12.381 | VV | 9456   | 277866  |        |        |
| 306 | 12.386 | 12.381 | 12.392 | VV | 9208   | 57835   | 1.42%  | 0.062% |
| 307 | 12.402 | 12.392 | 12.410 | VV | 9595   | 104486  | 2.56%  | 0.112% |
| 308 | 12.415 | 12.410 | 12.419 | VV | 9515   | 50447   | 1.24%  | 0.054% |
| 309 | 12.441 | 12.419 | 12.447 | VV | 9781   | 159074  | 3.90%  | 0.171% |
| 310 | 12.451 | 12.447 | 12.456 | VV | 9732   | 53208   | 1.31%  | 0.057% |
| 311 | 12.461 | 12.456 | 12.466 | VV | 9724   | 57514   | 1.41%  | 0.062% |
| 312 | 12.477 | 12.466 | 12.490 | VV | 9748   | 134061  | 3.29%  | 0.144% |
| 313 | 12.513 | 12.490 | 12.520 | VV | 9609   | 174525  | 4.28%  | 0.188% |
| 314 | 12.528 | 12.520 | 12.535 | VV | 9746   | 85192   | 2.09%  | 0.092% |
| 315 | 12.567 | 12.535 | 12.580 | VV | 10404  | 271175  | 6.66%  | 0.292% |
| 316 | 12.611 | 12.580 | 12.663 | VV | 250069 | 3429320 | 84.18% | 3.689% |
| 317 | 12.666 | 12.663 | 12.714 | VV | 11220  | 322919  | 7.93%  | 0.347% |
| 318 | 12.731 | 12.714 | 12.752 | VV | 10521  | 238637  | 5.86%  | 0.257% |
| 319 | 12.765 | 12.752 | 12.787 | VV | 10568  | 213266  | 5.24%  | 0.229% |
| 320 | 12.794 | 12.787 | 12.802 | VV | 10434  | 92725   | 2.28%  | 0.100% |
| 321 | 12.808 | 12.802 | 12.817 | VV | 10570  | 91147   | 2.24%  | 0.098% |
| 322 | 12.841 | 12.817 | 12.848 | VV | 10574  | 194107  | 4.76%  | 0.209% |
| 323 | 12.851 | 12.848 | 12.862 | VV | 10410  | 89915   | 2.21%  | 0.097% |
| 324 | 12.869 | 12.862 | 12.875 | VV | 10606  | 80792   | 1.98%  | 0.087% |
| 325 | 12.884 | 12.875 | 12.896 | VV | 10758  | 131119  | 3.22%  | 0.141% |
| 326 | 12.903 | 12.896 | 12.907 | VV | 10862  | 74403   | 1.83%  | 0.080% |
| 327 | 12.911 | 12.907 | 12.919 | VV | 10808  | 75184   | 1.85%  | 0.081% |
| 328 | 12.942 | 12.919 | 12.951 | VV | 10785  | 201645  | 4.95%  | 0.217% |
| 329 | 12.964 | 12.951 | 12.971 | VV | 11129  | 130755  | 3.21%  | 0.141% |
| 330 | 12.979 | 12.971 | 12.985 | VV | 11186  | 92248   | 2.26%  | 0.099% |
| 331 | 12.989 | 12.985 | 12.999 | VV | 11137  | 95055   | 2.33%  | 0.102% |
| 332 | 13.020 | 12.999 | 13.045 | VV | 11352  | 301185  | 7.39%  | 0.324% |
| 333 | 13.054 | 13.045 | 13.061 | VV | 11020  | 107852  | 2.65%  | 0.116% |
| 334 | 13.076 | 13.061 | 13.091 | VV | 11341  | 203405  | 4.99%  | 0.219% |
| 335 | 13.100 | 13.091 | 13.114 | VV | 11266  | 152236  | 3.74%  | 0.164% |
| 336 | 13.122 | 13.114 | 13.136 | VV | 11258  | 146989  | 3.61%  | 0.158% |
| 337 | 13.153 | 13.136 | 13.176 | VV | 11384  | 265989  | 6.53%  | 0.286% |
| 338 | 13.226 | 13.176 | 13.232 | VV | 11428  | 378142  | 9.28%  | 0.407% |
| 339 | 13.259 | 13.232 | 13.265 | VV | 11785  | 224980  | 5.52%  | 0.242% |
| 340 | 13.273 | 13.265 | 13.278 | VV | 11795  | 90545   | 2.22%  | 0.097% |
| 341 | 13.282 | 13.278 | 13.302 | VV | 11703  | 167598  | 4.11%  | 0.180% |
| 342 | 13.322 | 13.302 | 13.329 | VV | 11703  | 183821  | 4.51%  | 0.198% |
| 343 | 13.333 | 13.329 | 13.349 | VV | 11747  | 138624  | 3.40%  | 0.149% |
| 344 | 13.360 | 13.349 | 13.379 | VV | 11705  | 206740  | 5.07%  | 0.222% |
| 345 | 13.389 | 13.379 | 13.413 | VV | 11612  | 236249  | 5.80%  | 0.254% |
| 346 | 13.421 | 13.413 | 13.433 | VV | 11737  | 139042  | 3.41%  | 0.150% |
| 347 | 13.456 | 13.433 | 13.485 | VV | 11950  | 359046  | 8.81%  | 0.386% |
| 348 | 13.506 | 13.485 | 13.527 | VV | 11659  | 294684  | 7.23%  | 0.317% |
| 349 | 13.550 | 13.527 | 13.557 | VV | 11657  | 205634  | 5.05%  | 0.221% |
| 350 | 13.577 | 13.557 | 13.589 | VV | 12117  | 227890  | 5.59%  | 0.245% |
| 351 | 13.595 | 13.589 | 13.600 | VV | 11840  | 71319   | 1.75%  | 0.077% |

Instrument :

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Supervised By :mohammad ahmed 11/10/2021

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 352    | 13.610 | 13.600 | 13.621 | VV | 11882  | 153762  | 3.77%  | 0.165% |  |
| 353    | 13.635 | 13.621 | 13.646 | VV | 12132  | 173761  |        |        |  |
| 354    | 13.649 | 13.646 | 13.669 | VV | 11822  | 161629  |        |        |  |
| 355    | 13.709 | 13.669 | 13.714 | VV | 11781  | 314874  |        |        |  |
| 356    | 13.754 | 13.714 | 13.759 | VV | 11858  | 315987  |        |        |  |
| 357    | 13.767 | 13.759 | 13.774 | VV | 11875  | 103415  |        |        |  |
| 358    | 13.807 | 13.774 | 13.862 | VV | 247684 | 3458270 | 84.89% | 3.720% |  |
| 359    | 13.867 | 13.862 | 13.889 | VV | 12176  | 192839  | 4.73%  | 0.207% |  |
| 360    | 13.895 | 13.889 | 13.899 | VV | 12006  | 71485   | 1.75%  | 0.077% |  |
| 361    | 13.901 | 13.899 | 13.911 | VV | 11963  | 87969   | 2.16%  | 0.095% |  |
| 362    | 13.916 | 13.911 | 13.920 | VV | 11688  | 62719   | 1.54%  | 0.067% |  |
| 363    | 13.929 | 13.920 | 13.936 | VV | 11817  | 107327  | 2.63%  | 0.115% |  |
| 364    | 13.937 | 13.936 | 13.952 | VV | 11791  | 115673  | 2.84%  | 0.124% |  |
| 365    | 13.968 | 13.952 | 13.981 | VV | 11734  | 197193  | 4.84%  | 0.212% |  |
| 366    | 13.987 | 13.981 | 14.011 | VV | 11734  | 206823  | 5.08%  | 0.222% |  |
| 367    | 14.026 | 14.011 | 14.032 | VV | 11523  | 143430  | 3.52%  | 0.154% |  |
| 368    | 14.052 | 14.032 | 14.082 | VV | 11889  | 349694  | 8.58%  | 0.376% |  |
| 369    | 14.094 | 14.082 | 14.098 | VV | 11620  | 109395  | 2.69%  | 0.118% |  |
| 370    | 14.104 | 14.098 | 14.124 | VV | 11604  | 171680  | 4.21%  | 0.185% |  |
| 371    | 14.133 | 14.124 | 14.142 | VV | 11621  | 128172  | 3.15%  | 0.138% |  |
| 372    | 14.147 | 14.142 | 14.152 | VV | 11376  | 62837   | 1.54%  | 0.068% |  |
| 373    | 14.159 | 14.152 | 14.164 | VV | 11603  | 87542   | 2.15%  | 0.094% |  |
| 374    | 14.171 | 14.164 | 14.178 | VV | 11523  | 91312   | 2.24%  | 0.098% |  |
| 375    | 14.183 | 14.178 | 14.222 | VV | 11596  | 298761  | 7.33%  | 0.321% |  |
| 376    | 14.227 | 14.222 | 14.249 | VV | 11478  | 184103  | 4.52%  | 0.198% |  |
| 377    | 14.256 | 14.249 | 14.263 | VV | 11255  | 96477   | 2.37%  | 0.104% |  |
| 378    | 14.273 | 14.263 | 14.296 | VV | 11472  | 216841  | 5.32%  | 0.233% |  |
| 379    | 14.304 | 14.296 | 14.309 | VV | 11117  | 88390   | 2.17%  | 0.095% |  |
| 380    | 14.314 | 14.309 | 14.326 | VV | 11105  | 109346  | 2.68%  | 0.118% |  |
| 381    | 14.332 | 14.326 | 14.348 | VV | 11160  | 148858  | 3.65%  | 0.160% |  |
| 382    | 14.372 | 14.348 | 14.379 | VV | 11478  | 207288  | 5.09%  | 0.223% |  |
| 383    | 14.388 | 14.379 | 14.394 | VV | 11255  | 99435   | 2.44%  | 0.107% |  |
| 384    | 14.399 | 14.394 | 14.422 | VV | 11107  | 185560  | 4.56%  | 0.200% |  |
| 385    | 14.427 | 14.422 | 14.441 | VV | 11008  | 119822  | 2.94%  | 0.129% |  |
| 386    | 14.463 | 14.441 | 14.477 | VV | 11206  | 238072  | 5.84%  | 0.256% |  |
| 387    | 14.495 | 14.477 | 14.516 | VV | 11131  | 251375  | 6.17%  | 0.270% |  |
| 388    | 14.524 | 14.516 | 14.546 | VV | 10846  | 193586  | 4.75%  | 0.208% |  |
| 389    | 14.566 | 14.546 | 14.576 | VV | 10513  | 183755  | 4.51%  | 0.198% |  |
| 390    | 14.585 | 14.576 | 14.591 | VV | 10499  | 93865   | 2.30%  | 0.101% |  |
| 391    | 14.603 | 14.591 | 14.614 | VV | 10527  | 145167  | 3.56%  | 0.156% |  |
| 392    | 14.637 | 14.614 | 14.642 | VV | 10468  | 173594  | 4.26%  | 0.187% |  |
| 393    | 14.647 | 14.642 | 14.666 | VV | 10484  | 144385  | 3.54%  | 0.155% |  |
| 394    | 14.702 | 14.666 | 14.742 | VV | 159350 | 2463609 | 60.48% | 2.650% |  |
| 395    | 14.748 | 14.742 | 14.779 | VV | 10994  | 230695  | 5.66%  | 0.248% |  |
| 396    | 14.783 | 14.779 | 14.801 | VV | 10223  | 130297  | 3.20%  | 0.140% |  |
| 397    | 14.815 | 14.801 | 14.851 | VV | 10017  | 294802  | 7.24%  | 0.317% |  |
| 398    | 14.906 | 14.851 | 14.966 | VV | 241124 | 3405661 | 83.60% | 3.663% |  |
| 399    | 14.972 | 14.966 | 14.992 | VV | 9602   | 147082  | 3.61%  | 0.158% |  |
| 400    | 15.004 | 14.992 | 15.039 | VV | 9438   | 257678  | 6.33%  | 0.277% |  |
| 401    | 15.048 | 15.039 | 15.081 | VV | 9097   | 220330  | 5.41%  | 0.237% |  |
| 402    | 15.086 | 15.081 | 15.091 | VV | 8833   | 53547   | 1.31%  | 0.058% |  |
| 403    | 15.097 | 15.091 | 15.105 | VV | 8911   | 75254   | 1.85%  | 0.081% |  |
| 404    | 15.112 | 15.105 | 15.131 | VV | 8809   | 136276  | 3.35%  | 0.147% |  |

Instrument :

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ClientSampleId :

BW-15-20211103MSD

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Reviewed By :Ankita Jodhani 11/10/2021  
Supervised By :mohammad ahmed 11/10/2021

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 405 | 15.135 | 15.131 | 15.154 | VV | 8634   | 117247  | 2.88%  | 0.126% |
| 406 | 15.162 | 15.154 | 15.171 | VV | 8677   | 83925   |        |        |
| 407 | 15.208 | 15.171 | 15.236 | VV | 8435   | 323478  |        |        |
| 408 | 15.241 | 15.236 | 15.246 | VV | 8391   | 50685   |        |        |
| 409 | 15.251 | 15.246 | 15.286 | VV | 8222   | 196409  |        |        |
| 410 | 15.309 | 15.286 | 15.364 | VV | 8380   | 369996  |        |        |
| 411 | 15.372 | 15.364 | 15.392 | VV | 7906   | 130754  | 3.21%  | 0.141% |
| 412 | 15.424 | 15.392 | 15.434 | VV | 8426   | 201040  | 4.94%  | 0.216% |
| 413 | 15.443 | 15.434 | 15.487 | VV | 8328   | 243833  | 5.99%  | 0.262% |
| 414 | 15.502 | 15.487 | 15.524 | VV | 7340   | 156400  | 3.84%  | 0.168% |
| 415 | 15.538 | 15.524 | 15.542 | VV | 7155   | 76820   | 1.89%  | 0.083% |
| 416 | 15.547 | 15.542 | 15.564 | VV | 7283   | 93151   | 2.29%  | 0.100% |
| 417 | 15.579 | 15.564 | 15.594 | VV | 7111   | 125764  | 3.09%  | 0.135% |
| 418 | 15.597 | 15.594 | 15.629 | VV | 6955   | 142465  | 3.50%  | 0.153% |
| 419 | 15.633 | 15.629 | 15.656 | VV | 6679   | 106370  | 2.61%  | 0.114% |
| 420 | 15.667 | 15.656 | 15.681 | VV | 6752   | 99122   | 2.43%  | 0.107% |
| 421 | 15.710 | 15.681 | 15.736 | VV | 6703   | 218156  | 5.36%  | 0.235% |
| 422 | 15.745 | 15.736 | 15.761 | VV | 6276   | 89767   | 2.20%  | 0.097% |
| 423 | 15.772 | 15.761 | 15.834 | VV | 6249   | 267172  | 6.56%  | 0.287% |
| 424 | 15.856 | 15.834 | 15.885 | VV | 5886   | 178616  | 4.38%  | 0.192% |
| 425 | 15.925 | 15.885 | 16.032 | VV | 209275 | 3108477 | 76.31% | 3.343% |
| 426 | 16.052 | 16.032 | 16.150 | VV | 5863   | 368165  | 9.04%  | 0.396% |
| 427 | 16.160 | 16.150 | 16.206 | VV | 4958   | 157871  | 3.88%  | 0.170% |
| 428 | 16.212 | 16.206 | 16.219 | VV | 4724   | 37243   | 0.91%  | 0.040% |
| 429 | 16.226 | 16.219 | 16.247 | VV | 4685   | 77654   | 1.91%  | 0.084% |
| 430 | 16.267 | 16.247 | 16.352 | VV | 4752   | 277870  | 6.82%  | 0.299% |
| 431 | 16.359 | 16.352 | 16.371 | VV | 4150   | 45239   | 1.11%  | 0.049% |
| 432 | 16.406 | 16.371 | 16.455 | VV | 5220   | 214473  | 5.26%  | 0.231% |
| 433 | 16.464 | 16.455 | 16.474 | VV | 3995   | 45266   | 1.11%  | 0.049% |
| 434 | 16.492 | 16.474 | 16.559 | VV | 4047   | 190292  | 4.67%  | 0.205% |
| 435 | 16.567 | 16.559 | 16.622 | VV | 3544   | 128630  | 3.16%  | 0.138% |
| 436 | 16.633 | 16.622 | 16.674 | VV | 3280   | 97278   | 2.39%  | 0.105% |
| 437 | 16.706 | 16.674 | 16.724 | VV | 3206   | 92422   | 2.27%  | 0.099% |
| 438 | 16.754 | 16.724 | 16.804 | VV | 4677   | 162159  | 3.98%  | 0.174% |
| 439 | 16.815 | 16.804 | 16.822 | VV | 2758   | 29750   | 0.73%  | 0.032% |
| 440 | 16.872 | 16.822 | 16.912 | VV | 193298 | 2620411 | 64.32% | 2.819% |
| 441 | 16.919 | 16.912 | 17.121 | VV | 3326   | 269383  | 6.61%  | 0.290% |
| 442 | 17.129 | 17.121 | 17.289 | VV | 1727   | 147363  | 3.62%  | 0.159% |
| 443 | 17.321 | 17.289 | 17.354 | VV | 3840   | 78444   | 1.93%  | 0.084% |
| 444 | 17.408 | 17.354 | 17.466 | VV | 5762   | 138201  | 3.39%  | 0.149% |
| 445 | 17.478 | 17.466 | 17.539 | VV | 786    | 30600   | 0.75%  | 0.033% |
| 446 | 17.553 | 17.539 | 17.597 | VV | 715    | 18757   | 0.46%  | 0.020% |
| 447 | 17.607 | 17.597 | 17.638 | VV | 690    | 12573   | 0.31%  | 0.014% |
| 448 | 17.647 | 17.638 | 17.703 | VV | 554    | 15434   | 0.38%  | 0.017% |
| 449 | 17.757 | 17.703 | 17.892 | VV | 175687 | 2449339 | 60.12% | 2.635% |
| 450 | 18.019 | 17.892 | 18.071 | VV | 14696  | 374577  | 9.19%  | 0.403% |
| 451 | 18.178 | 18.071 | 18.262 | VV | 10417  | 583093  | 14.31% | 0.627% |
| 452 | 18.286 | 18.262 | 18.420 | VV | 5688   | 302082  | 7.42%  | 0.325% |
| 453 | 18.440 | 18.420 | 18.457 | VV | 670    | 12820   | 0.31%  | 0.014% |
| 454 | 18.586 | 18.457 | 18.672 | VV | 189426 | 2948569 | 72.38% | 3.171% |
| 455 | 18.743 | 18.672 | 18.909 | VV | 3379   | 249512  | 6.12%  | 0.268% |
| 456 | 18.981 | 18.909 | 19.092 | VV | 5660   | 187428  | 4.60%  | 0.202% |

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Supervised By :mohammad ahmed 11/10/2021

|                         |        |        |        |     |        |          |         |        |
|-------------------------|--------|--------|--------|-----|--------|----------|---------|--------|
|                         |        |        |        |     | rters  |          |         |        |
| 457                     | 19.132 | 19.092 | 19.176 | VV  | 31402  | 541022   | 13.28%  | 0.582% |
| 458                     | 19.185 | 19.176 | 19.212 | VV  | 655    | 11030    |         |        |
| 459                     | 19.227 | 19.212 | 19.251 | VV  | 528    | 10696    |         |        |
| 460                     | 19.274 | 19.251 | 19.327 | VV  | 526    | 16087    |         |        |
| 461                     | 19.368 | 19.327 | 19.459 | VV  | 177154 | 2436605  | 59.10%  | 0.004% |
| 462                     | 19.472 | 19.459 | 19.482 | VV  | 332    | 3753     |         |        |
| 463                     | 19.488 | 19.482 | 19.533 | VV  | 267    | 4066     | 0.10%   | 0.004% |
| 464                     | 19.647 | 19.533 | 19.704 | PV  | 39119  | 677057   | 16.62%  | 0.728% |
| 465                     | 19.739 | 19.704 | 19.785 | VV  | 3425   | 60602    | 1.49%   | 0.065% |
| 466                     | 20.006 | 19.785 | 20.044 | VV  | 2547   | 131952   | 3.24%   | 0.142% |
| 467                     | 20.104 | 20.044 | 20.192 | VV  | 179742 | 3430964  | 84.22%  | 3.690% |
| 468                     | 20.326 | 20.192 | 20.432 | VV  | 21089  | 1436607  | 35.26%  | 1.545% |
| 469                     | 20.460 | 20.432 | 20.502 | VV  | 4370   | 149584   | 3.67%   | 0.161% |
| 470                     | 20.609 | 20.502 | 20.742 | VV  | 37034  | 1193425  | 29.30%  | 1.284% |
| 471                     | 20.749 | 20.742 | 20.772 | VV  | 3575   | 61642    | 1.51%   | 0.066% |
| 472                     | 20.779 | 20.772 | 20.792 | VV  | 3375   | 41515    | 1.02%   | 0.045% |
| 473                     | 20.841 | 20.792 | 20.972 | VV  | 152785 | 2863694  | 70.30%  | 3.080% |
| 474                     | 21.006 | 20.972 | 21.072 | VV  | 2565   | 143376   | 3.52%   | 0.154% |
| 475                     | 21.143 | 21.072 | 21.231 | VV  | 27653  | 799477   | 19.63%  | 0.860% |
| 476                     | 21.266 | 21.231 | 21.307 | VV  | 2155   | 83117    | 2.04%   | 0.089% |
| 477                     | 21.505 | 21.307 | 21.521 | VV  | 3317   | 278965   | 6.85%   | 0.300% |
| 478                     | 21.538 | 21.521 | 21.606 | VV  | 3150   | 138424   | 3.40%   | 0.149% |
| 479                     | 21.756 | 21.606 | 21.901 | VBA | 127079 | 4073751  | 100.00% | 4.382% |
| Sum of corrected areas: |        |        |        |     |        | 92971081 |         |        |

Instrument :  
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Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/10/2021  
Supervised By :mohammad ahmed 11/10/2021

FF110921.M Wed Nov 10 12:03:44 2021