

rteres

Instrument :  
FID\_G  
ClientSampleId :  
LOWER-WALL-PILE-A  
Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG05082  
Data File : FG015802.D  
Signal(s) : FID1A.ch  
Acq On : 08 May 2025 10:55  
Sample : Q1938-01 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/09/2025  
Supervised By :mohammad ahmed 05/12/2025

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG042425.M  
Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.914       | 1.900        | 1.920      | BV       | 73             | 132          | 0.01%          | 0.000%        |
| 2         | 1.925       | 1.920        | 1.951      | PV       | 113            | 979          | 0.06%          | 0.002%        |
| 3         | 1.966       | 1.951        | 2.009      | PV       | 154            | 2649         | 0.17%          | 0.006%        |
| 4         | 2.013       | 2.009        | 2.034      | VV       | 144            | 644          | 0.04%          | 0.001%        |
| 5         | 2.045       | 2.034        | 2.059      | PV       | 151            | 1004         | 0.07%          | 0.002%        |
| 6         | 2.065       | 2.059        | 2.078      | VV       | 99             | 593          | 0.04%          | 0.001%        |
| 7         | 2.085       | 2.078        | 2.111      | VV       | 86             | 1232         | 0.08%          | 0.003%        |
| 8         | 2.113       | 2.111        | 2.131      | VV       | 111            | 738          | 0.05%          | 0.002%        |
| 9         | 2.134       | 2.131        | 2.153      | PV       | 119            | 776          | 0.05%          | 0.002%        |
| 10        | 2.168       | 2.153        | 2.237      | VV       | 1927           | 28511        | 1.85%          | 0.059%        |
| 11        | 2.254       | 2.237        | 2.314      | VV       | 449            | 9327         | 0.61%          | 0.019%        |
| 12        | 2.325       | 2.314        | 2.346      | PV       | 147            | 2004         | 0.13%          | 0.004%        |
| 13        | 2.386       | 2.346        | 2.400      | VV       | 405            | 8460         | 0.55%          | 0.018%        |
| 14        | 2.406       | 2.400        | 2.434      | VV       | 378            | 6286         | 0.41%          | 0.013%        |
| 15        | 2.437       | 2.434        | 2.459      | VV       | 404            | 4654         | 0.30%          | 0.010%        |
| 16        | 2.468       | 2.459        | 2.480      | VV       | 306            | 3299         | 0.21%          | 0.007%        |
| 17        | 2.484       | 2.480        | 2.490      | VV       | 300            | 1549         | 0.10%          | 0.003%        |
| 18        | 2.496       | 2.490        | 2.532      | VV       | 356            | 5937         | 0.39%          | 0.012%        |
| 19        | 2.536       | 2.532        | 2.546      | VV       | 257            | 1877         | 0.12%          | 0.004%        |
| 20        | 2.552       | 2.546        | 2.573      | VV       | 284            | 2984         | 0.19%          | 0.006%        |
| 21        | 2.588       | 2.573        | 2.604      | VV       | 294            | 4508         | 0.29%          | 0.009%        |
| 22        | 2.615       | 2.604        | 2.619      | VV       | 341            | 2464         | 0.16%          | 0.005%        |
| 23        | 2.622       | 2.619        | 2.654      | VV       | 319            | 3730         | 0.24%          | 0.008%        |
| 24        | 2.670       | 2.654        | 2.696      | VV       | 169            | 3158         | 0.20%          | 0.007%        |
| 25        | 2.700       | 2.696        | 2.725      | VV       | 124            | 1738         | 0.11%          | 0.004%        |
| 26        | 2.729       | 2.725        | 2.734      | VV       | 184            | 618          | 0.04%          | 0.001%        |
| 27        | 2.745       | 2.734        | 2.760      | VV       | 163            | 2021         | 0.13%          | 0.004%        |
| 28        | 2.763       | 2.760        | 2.778      | VV       | 143            | 965          | 0.06%          | 0.002%        |
| 29        | 2.785       | 2.778        | 2.793      | VV       | 126            | 792          | 0.05%          | 0.002%        |
| 30        | 2.803       | 2.793        | 2.808      | PV       | 104            | 533          | 0.03%          | 0.001%        |
| 31        | 2.814       | 2.808        | 2.828      | VV       | 143            | 600          | 0.04%          | 0.001%        |
| 32        | 2.833       | 2.828        | 2.837      | VV       | 99             | 376          | 0.02%          | 0.001%        |
| 33        | 2.840       | 2.837        | 2.847      | VV       | 103            | 341          | 0.02%          | 0.001%        |
| 34        | 2.850       | 2.847        | 2.855      | VV       | 117            | 286          | 0.02%          | 0.001%        |
| 35        | 2.890       | 2.855        | 2.901      | PV       | 188            | 2423         | 0.16%          | 0.005%        |
| 36        | 2.909       | 2.901        | 2.914      | VV       | 163            | 856          | 0.06%          | 0.002%        |

|    |       |       |       |    | rt  | er   |       |        |
|----|-------|-------|-------|----|-----|------|-------|--------|
| 37 | 2.921 | 2.914 | 2.937 | VV | 122 | 1263 | 0.08% | 0.003% |
| 38 | 2.940 | 2.937 | 2.944 | VV | 68  | 270  |       |        |
| 39 | 2.954 | 2.944 | 2.998 | VV | 153 | 3576 |       |        |
| 40 | 3.002 | 2.998 | 3.023 | VV | 171 | 1702 |       |        |
| 41 | 3.032 | 3.023 | 3.052 | VV | 120 | 2121 |       |        |
| 42 | 3.058 | 3.052 | 3.076 | VV | 142 | 931  |       |        |
| 43 | 3.089 | 3.076 | 3.113 | PV | 133 | 1885 | 0.12% | 0.004% |
| 44 | 3.118 | 3.113 | 3.164 | VV | 89  | 2010 | 0.13% | 0.004% |
| 45 | 3.168 | 3.164 | 3.215 | VV | 146 | 2304 | 0.15% | 0.005% |
| 46 | 3.238 | 3.215 | 3.250 | VV | 107 | 1549 | 0.10% | 0.003% |
| 47 | 3.255 | 3.250 | 3.282 | VV | 102 | 1186 | 0.08% | 0.002% |
| 48 | 3.289 | 3.282 | 3.319 | VV | 110 | 1178 | 0.08% | 0.002% |
| 49 | 3.342 | 3.319 | 3.349 | PV | 154 | 933  | 0.06% | 0.002% |
| 50 | 3.356 | 3.349 | 3.371 | VV | 131 | 844  | 0.05% | 0.002% |
| 51 | 3.376 | 3.371 | 3.388 | VV | 86  | 527  | 0.03% | 0.001% |
| 52 | 3.403 | 3.388 | 3.409 | VV | 104 | 897  | 0.06% | 0.002% |
| 53 | 3.449 | 3.409 | 3.462 | VV | 119 | 2136 | 0.14% | 0.004% |
| 54 | 3.466 | 3.462 | 3.472 | VV | 69  | 447  | 0.03% | 0.001% |
| 55 | 3.480 | 3.472 | 3.485 | VV | 154 | 738  | 0.05% | 0.002% |
| 56 | 3.495 | 3.485 | 3.501 | VV | 151 | 698  | 0.05% | 0.001% |
| 57 | 3.523 | 3.501 | 3.538 | VV | 141 | 1501 | 0.10% | 0.003% |
| 58 | 3.546 | 3.538 | 3.554 | VV | 91  | 602  | 0.04% | 0.001% |
| 59 | 3.590 | 3.554 | 3.620 | VV | 318 | 5028 | 0.33% | 0.010% |
| 60 | 3.627 | 3.620 | 3.636 | VV | 88  | 396  | 0.03% | 0.001% |
| 61 | 3.693 | 3.636 | 3.707 | VV | 194 | 3006 | 0.20% | 0.006% |
| 62 | 3.711 | 3.707 | 3.714 | VV | 141 | 446  | 0.03% | 0.001% |
| 63 | 3.718 | 3.714 | 3.726 | VV | 151 | 698  | 0.05% | 0.001% |
| 64 | 3.743 | 3.726 | 3.769 | VV | 312 | 4276 | 0.28% | 0.009% |
| 65 | 3.772 | 3.769 | 3.782 | VV | 174 | 663  | 0.04% | 0.001% |
| 66 | 3.786 | 3.782 | 3.802 | VV | 129 | 972  | 0.06% | 0.002% |
| 67 | 3.808 | 3.802 | 3.844 | VV | 129 | 2099 | 0.14% | 0.004% |
| 68 | 3.847 | 3.844 | 3.895 | VV | 55  | 1755 | 0.11% | 0.004% |
| 69 | 3.965 | 3.895 | 4.014 | VV | 100 | 3867 | 0.25% | 0.008% |
| 70 | 4.080 | 4.014 | 4.119 | VV | 275 | 8332 | 0.54% | 0.017% |
| 71 | 4.133 | 4.119 | 4.168 | VV | 173 | 3830 | 0.25% | 0.008% |
| 72 | 4.176 | 4.168 | 4.190 | VV | 149 | 1320 | 0.09% | 0.003% |
| 73 | 4.220 | 4.190 | 4.244 | VV | 201 | 4748 | 0.31% | 0.010% |
| 74 | 4.252 | 4.244 | 4.267 | VV | 168 | 1926 | 0.13% | 0.004% |
| 75 | 4.276 | 4.267 | 4.330 | VV | 176 | 5859 | 0.38% | 0.012% |
| 76 | 4.335 | 4.330 | 4.347 | VV | 174 | 1070 | 0.07% | 0.002% |
| 77 | 4.360 | 4.347 | 4.383 | VV | 141 | 2417 | 0.16% | 0.005% |
| 78 | 4.419 | 4.383 | 4.477 | VV | 164 | 6054 | 0.39% | 0.013% |
| 79 | 4.500 | 4.477 | 4.560 | VV | 220 | 5323 | 0.35% | 0.011% |
| 80 | 4.576 | 4.560 | 4.602 | VV | 122 | 2446 | 0.16% | 0.005% |
| 81 | 4.624 | 4.602 | 4.639 | VV | 175 | 2155 | 0.14% | 0.004% |
| 82 | 4.647 | 4.639 | 4.660 | VV | 45  | 695  | 0.05% | 0.001% |
| 83 | 4.691 | 4.660 | 4.710 | VV | 226 | 3774 | 0.25% | 0.008% |
| 84 | 4.736 | 4.710 | 4.769 | VV | 182 | 4677 | 0.30% | 0.010% |
| 85 | 4.791 | 4.769 | 4.800 | VV | 140 | 2032 | 0.13% | 0.004% |
| 86 | 4.803 | 4.800 | 4.827 | VV | 150 | 1749 | 0.11% | 0.004% |
| 87 | 4.832 | 4.827 | 4.847 | VV | 109 | 1076 | 0.07% | 0.002% |
| 88 | 4.856 | 4.847 | 4.865 | PV | 114 | 726  | 0.05% | 0.002% |
| 89 | 4.887 | 4.865 | 4.914 | VV | 150 | 2977 | 0.19% | 0.006% |

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|     |       |       |       |    |     |       |       |        |
|-----|-------|-------|-------|----|-----|-------|-------|--------|
| 90  | 4.944 | 4.914 | 4.963 | VV | 180 | 3465  | 0.22% | 0.007% |
| 91  | 4.981 | 4.963 | 4.995 | VV | 177 | 2537  |       |        |
| 92  | 5.003 | 4.995 | 5.036 | VV | 153 | 2824  |       |        |
| 93  | 5.053 | 5.036 | 5.072 | VV | 208 | 2921  |       |        |
| 94  | 5.080 | 5.072 | 5.105 | VV | 193 | 2701  |       |        |
| 95  | 5.128 | 5.105 | 5.141 | VV | 168 | 2097  |       |        |
| 96  | 5.160 | 5.141 | 5.180 | VV | 156 | 2533  | 0.16% | 0.005% |
| 97  | 5.183 | 5.180 | 5.232 | VV | 116 | 2366  | 0.15% | 0.005% |
| 98  | 5.253 | 5.232 | 5.267 | VV | 95  | 1412  | 0.09% | 0.003% |
| 99  | 5.319 | 5.267 | 5.402 | VV | 280 | 11304 | 0.73% | 0.023% |
| 100 | 5.412 | 5.402 | 5.439 | VV | 163 | 2401  | 0.16% | 0.005% |
| 101 | 5.460 | 5.439 | 5.525 | VV | 253 | 9035  | 0.59% | 0.019% |
| 102 | 5.534 | 5.525 | 5.559 | VV | 104 | 1940  | 0.13% | 0.004% |
| 103 | 5.570 | 5.559 | 5.619 | VV | 110 | 2817  | 0.18% | 0.006% |
| 104 | 5.644 | 5.619 | 5.655 | VV | 126 | 1945  | 0.13% | 0.004% |
| 105 | 5.662 | 5.655 | 5.708 | VV | 186 | 2618  | 0.17% | 0.005% |
| 106 | 5.761 | 5.708 | 5.790 | PV | 182 | 6293  | 0.41% | 0.013% |
| 107 | 5.807 | 5.790 | 5.830 | VV | 319 | 4745  | 0.31% | 0.010% |
| 108 | 5.838 | 5.830 | 5.874 | VV | 170 | 3326  | 0.22% | 0.007% |
| 109 | 5.902 | 5.874 | 5.914 | VV | 199 | 3443  | 0.22% | 0.007% |
| 110 | 5.923 | 5.914 | 5.954 | VV | 176 | 3150  | 0.20% | 0.007% |
| 111 | 5.974 | 5.954 | 5.994 | VV | 232 | 3464  | 0.22% | 0.007% |
| 112 | 6.045 | 5.994 | 6.059 | VV | 240 | 3983  | 0.26% | 0.008% |
| 113 | 6.062 | 6.059 | 6.095 | VV | 114 | 1239  | 0.08% | 0.003% |
| 114 | 6.116 | 6.095 | 6.172 | VV | 690 | 10929 | 0.71% | 0.023% |
| 115 | 6.217 | 6.172 | 6.239 | VV | 181 | 4356  | 0.28% | 0.009% |
| 116 | 6.250 | 6.239 | 6.267 | VV | 190 | 2421  | 0.16% | 0.005% |
| 117 | 6.312 | 6.267 | 6.365 | VV | 198 | 9029  | 0.59% | 0.019% |
| 118 | 6.389 | 6.365 | 6.422 | VV | 240 | 5616  | 0.36% | 0.012% |
| 119 | 6.437 | 6.422 | 6.470 | VV | 203 | 4603  | 0.30% | 0.010% |
| 120 | 6.482 | 6.470 | 6.519 | VV | 215 | 4131  | 0.27% | 0.009% |
| 121 | 6.566 | 6.519 | 6.661 | VV | 228 | 10930 | 0.71% | 0.023% |
| 122 | 6.684 | 6.661 | 6.737 | VV | 153 | 3843  | 0.25% | 0.008% |
| 123 | 6.763 | 6.737 | 6.809 | VV | 163 | 3784  | 0.25% | 0.008% |
| 124 | 6.836 | 6.809 | 6.862 | VV | 146 | 2405  | 0.16% | 0.005% |
| 125 | 6.872 | 6.862 | 6.904 | VV | 103 | 1798  | 0.12% | 0.004% |
| 126 | 6.912 | 6.904 | 6.939 | VV | 76  | 947   | 0.06% | 0.002% |
| 127 | 6.964 | 6.939 | 6.998 | VV | 114 | 2255  | 0.15% | 0.005% |
| 128 | 7.009 | 6.998 | 7.040 | VV | 75  | 1119  | 0.07% | 0.002% |
| 129 | 7.071 | 7.040 | 7.117 | PV | 88  | 2760  | 0.18% | 0.006% |
| 130 | 7.127 | 7.117 | 7.176 | VV | 190 | 3602  | 0.23% | 0.007% |
| 131 | 7.243 | 7.176 | 7.257 | VV | 217 | 7752  | 0.50% | 0.016% |
| 132 | 7.269 | 7.257 | 7.307 | VV | 237 | 5116  | 0.33% | 0.011% |
| 133 | 7.315 | 7.307 | 7.350 | VV | 178 | 3752  | 0.24% | 0.008% |
| 134 | 7.357 | 7.350 | 7.392 | VV | 176 | 3814  | 0.25% | 0.008% |
| 135 | 7.402 | 7.392 | 7.427 | VV | 224 | 3087  | 0.20% | 0.006% |
| 136 | 7.446 | 7.427 | 7.480 | VV | 150 | 3948  | 0.26% | 0.008% |
| 137 | 7.485 | 7.480 | 7.495 | VV | 121 | 1076  | 0.07% | 0.002% |
| 138 | 7.509 | 7.495 | 7.523 | VV | 215 | 3130  | 0.20% | 0.007% |
| 139 | 7.535 | 7.523 | 7.564 | VV | 222 | 4047  | 0.26% | 0.008% |
| 140 | 7.575 | 7.564 | 7.623 | VV | 158 | 3815  | 0.25% | 0.008% |
| 141 | 7.637 | 7.623 | 7.676 | VV | 183 | 3735  | 0.24% | 0.008% |

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|     |        |        |        |    |      |       |       |        |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 142 | 7.681  | 7.676  | 7.695  | VV | 86   | 551   | 0.04% | 0.001% |
| 143 | 7.729  | 7.695  | 7.746  | PV | 321  | 6750  |       |        |
| 144 | 7.763  | 7.746  | 7.845  | VV | 355  | 13587 |       |        |
| 145 | 7.856  | 7.845  | 7.868  | VV | 131  | 1745  |       |        |
| 146 | 7.916  | 7.868  | 7.977  | VV | 302  | 12398 |       |        |
| 147 | 7.986  | 7.977  | 8.032  | VV | 171  | 4240  |       |        |
| 148 | 8.058  | 8.032  | 8.068  | VV | 217  | 3128  | 0.20% | 0.007% |
| 149 | 8.091  | 8.068  | 8.130  | VV | 279  | 6763  | 0.44% | 0.014% |
| 150 | 8.135  | 8.130  | 8.192  | VV | 147  | 4293  | 0.28% | 0.009% |
| 151 | 8.210  | 8.192  | 8.220  | VV | 122  | 1495  | 0.10% | 0.003% |
| 152 | 8.244  | 8.220  | 8.256  | VV | 134  | 2039  | 0.13% | 0.004% |
| 153 | 8.274  | 8.256  | 8.290  | VV | 167  | 2620  | 0.17% | 0.005% |
| 154 | 8.303  | 8.290  | 8.312  | VV | 136  | 1489  | 0.10% | 0.003% |
| 155 | 8.341  | 8.312  | 8.350  | VV | 220  | 3707  | 0.24% | 0.008% |
| 156 | 8.386  | 8.350  | 8.397  | VV | 291  | 5919  | 0.38% | 0.012% |
| 157 | 8.429  | 8.397  | 8.443  | VV | 409  | 8294  | 0.54% | 0.017% |
| 158 | 8.447  | 8.443  | 8.460  | VV | 369  | 3209  | 0.21% | 0.007% |
| 159 | 8.487  | 8.460  | 8.505  | VV | 603  | 11618 | 0.75% | 0.024% |
| 160 | 8.518  | 8.505  | 8.592  | VV | 533  | 14130 | 0.92% | 0.029% |
| 161 | 8.627  | 8.592  | 8.683  | VV | 1244 | 25923 | 1.68% | 0.054% |
| 162 | 8.700  | 8.683  | 8.731  | VV | 381  | 8822  | 0.57% | 0.018% |
| 163 | 8.750  | 8.731  | 8.816  | VV | 284  | 9676  | 0.63% | 0.020% |
| 164 | 8.826  | 8.816  | 8.840  | VV | 107  | 1397  | 0.09% | 0.003% |
| 165 | 8.903  | 8.840  | 8.924  | VV | 437  | 12558 | 0.82% | 0.026% |
| 166 | 8.932  | 8.924  | 8.956  | VV | 266  | 4596  | 0.30% | 0.010% |
| 167 | 9.005  | 8.956  | 9.049  | VV | 353  | 14852 | 0.96% | 0.031% |
| 168 | 9.073  | 9.049  | 9.093  | VV | 403  | 7170  | 0.47% | 0.015% |
| 169 | 9.129  | 9.093  | 9.180  | VV | 1415 | 28143 | 1.83% | 0.058% |
| 170 | 9.242  | 9.180  | 9.256  | VV | 736  | 19977 | 1.30% | 0.042% |
| 171 | 9.267  | 9.256  | 9.306  | VV | 648  | 13474 | 0.87% | 0.028% |
| 172 | 9.370  | 9.306  | 9.419  | VV | 697  | 24612 | 1.60% | 0.051% |
| 173 | 9.440  | 9.419  | 9.491  | VV | 670  | 8902  | 0.58% | 0.019% |
| 174 | 9.537  | 9.491  | 9.572  | VV | 247  | 7645  | 0.50% | 0.016% |
| 175 | 9.584  | 9.572  | 9.610  | VV | 163  | 2932  | 0.19% | 0.006% |
| 176 | 9.622  | 9.610  | 9.659  | VV | 116  | 2059  | 0.13% | 0.004% |
| 177 | 9.711  | 9.659  | 9.776  | PV | 485  | 20250 | 1.31% | 0.042% |
| 178 | 9.813  | 9.776  | 9.834  | VV | 385  | 9745  | 0.63% | 0.020% |
| 179 | 9.854  | 9.834  | 9.903  | VV | 750  | 14224 | 0.92% | 0.030% |
| 180 | 9.915  | 9.903  | 9.941  | VV | 227  | 3048  | 0.20% | 0.006% |
| 181 | 9.966  | 9.941  | 9.983  | VV | 239  | 3002  | 0.19% | 0.006% |
| 182 | 10.017 | 9.983  | 10.113 | VV | 2689 | 90873 | 5.90% | 0.189% |
| 183 | 10.135 | 10.113 | 10.201 | VV | 1074 | 27373 | 1.78% | 0.057% |
| 184 | 10.210 | 10.201 | 10.265 | VV | 365  | 10261 | 0.67% | 0.021% |
| 185 | 10.302 | 10.265 | 10.337 | VV | 693  | 13638 | 0.89% | 0.028% |
| 186 | 10.384 | 10.337 | 10.436 | VV | 190  | 5621  | 0.36% | 0.012% |
| 187 | 10.476 | 10.436 | 10.506 | VV | 370  | 8566  | 0.56% | 0.018% |
| 188 | 10.527 | 10.506 | 10.541 | VV | 278  | 5293  | 0.34% | 0.011% |
| 189 | 10.567 | 10.541 | 10.639 | VV | 533  | 17906 | 1.16% | 0.037% |
| 190 | 10.655 | 10.639 | 10.678 | VV | 298  | 5092  | 0.33% | 0.011% |
| 191 | 10.700 | 10.678 | 10.713 | VV | 548  | 7719  | 0.50% | 0.016% |
| 192 | 10.722 | 10.713 | 10.743 | VV | 340  | 4608  | 0.30% | 0.010% |
| 193 | 10.803 | 10.743 | 10.814 | VV | 415  | 11654 | 0.76% | 0.024% |
| 194 | 10.836 | 10.814 | 10.859 | VV | 1157 | 21035 | 1.37% | 0.044% |

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|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 195 | 10.876 | 10.859 | 10.893 | VV | 879   | 13493  | 0.88%  | 0.028% |
| 196 | 10.920 | 10.893 | 10.936 | VV | 615   | 13495  |        |        |
| 197 | 10.971 | 10.936 | 11.040 | VV | 590   | 21305  |        |        |
| 198 | 11.100 | 11.040 | 11.129 | VV | 1627  | 28193  |        |        |
| 199 | 11.172 | 11.129 | 11.206 | VV | 1278  | 32500  |        |        |
| 200 | 11.222 | 11.206 | 11.288 | VV | 630   | 22186  |        |        |
| 201 | 11.305 | 11.288 | 11.356 | VV | 350   | 7968   | 0.52%  | 0.017% |
| 202 | 11.388 | 11.356 | 11.422 | VV | 266   | 4977   | 0.32%  | 0.010% |
| 203 | 11.441 | 11.422 | 11.478 | PV | 148   | 3687   | 0.24%  | 0.008% |
| 204 | 11.514 | 11.478 | 11.533 | VV | 287   | 4465   | 0.29%  | 0.009% |
| 205 | 11.556 | 11.533 | 11.568 | VV | 666   | 7755   | 0.50%  | 0.016% |
| 206 | 11.583 | 11.568 | 11.600 | VV | 862   | 9652   | 0.63%  | 0.020% |
| 207 | 11.617 | 11.600 | 11.642 | VV | 447   | 7419   | 0.48%  | 0.015% |
| 208 | 11.671 | 11.642 | 11.698 | VV | 645   | 12788  | 0.83%  | 0.027% |
| 209 | 11.740 | 11.698 | 11.753 | VV | 399   | 9124   | 0.59%  | 0.019% |
| 210 | 11.777 | 11.753 | 11.804 | VV | 2236  | 29583  | 1.92%  | 0.061% |
| 211 | 11.828 | 11.804 | 11.873 | VV | 3493  | 52512  | 3.41%  | 0.109% |
| 212 | 11.896 | 11.873 | 11.922 | VV | 447   | 8788   | 0.57%  | 0.018% |
| 213 | 11.946 | 11.922 | 11.961 | VV | 249   | 4794   | 0.31%  | 0.010% |
| 214 | 11.987 | 11.961 | 12.043 | VV | 1168  | 29005  | 1.88%  | 0.060% |
| 215 | 12.066 | 12.043 | 12.083 | VV | 787   | 12029  | 0.78%  | 0.025% |
| 216 | 12.107 | 12.083 | 12.122 | VV | 1494  | 20184  | 1.31%  | 0.042% |
| 217 | 12.135 | 12.122 | 12.169 | VV | 1192  | 16069  | 1.04%  | 0.033% |
| 218 | 12.195 | 12.169 | 12.220 | VV | 398   | 5833   | 0.38%  | 0.012% |
| 219 | 12.254 | 12.220 | 12.276 | PV | 1061  | 17062  | 1.11%  | 0.035% |
| 220 | 12.309 | 12.276 | 12.331 | VV | 1046  | 19546  | 1.27%  | 0.041% |
| 221 | 12.376 | 12.331 | 12.395 | VV | 843   | 17552  | 1.14%  | 0.036% |
| 222 | 12.418 | 12.395 | 12.470 | VV | 2134  | 34503  | 2.24%  | 0.072% |
| 223 | 12.512 | 12.470 | 12.553 | VV | 4540  | 64533  | 4.19%  | 0.134% |
| 224 | 12.560 | 12.553 | 12.589 | VV | 446   | 7129   | 0.46%  | 0.015% |
| 225 | 12.625 | 12.589 | 12.700 | VV | 491   | 21537  | 1.40%  | 0.045% |
| 226 | 12.749 | 12.700 | 12.775 | VV | 620   | 15838  | 1.03%  | 0.033% |
| 227 | 12.788 | 12.775 | 12.800 | VV | 152   | 1488   | 0.10%  | 0.003% |
| 228 | 12.840 | 12.800 | 12.866 | VV | 802   | 16989  | 1.10%  | 0.035% |
| 229 | 12.898 | 12.866 | 12.942 | VV | 1582  | 28570  | 1.85%  | 0.059% |
| 230 | 12.970 | 12.942 | 13.042 | VV | 2900  | 57248  | 3.72%  | 0.119% |
| 231 | 13.060 | 13.042 | 13.095 | VV | 383   | 6630   | 0.43%  | 0.014% |
| 232 | 13.118 | 13.095 | 13.136 | PV | 245   | 2687   | 0.17%  | 0.006% |
| 233 | 13.156 | 13.136 | 13.190 | VV | 197   | 2564   | 0.17%  | 0.005% |
| 234 | 13.222 | 13.190 | 13.243 | PV | 447   | 6844   | 0.44%  | 0.014% |
| 235 | 13.269 | 13.243 | 13.346 | VV | 11257 | 184998 | 12.01% | 0.385% |
| 236 | 13.366 | 13.346 | 13.382 | VV | 356   | 6533   | 0.42%  | 0.014% |
| 237 | 13.408 | 13.382 | 13.430 | VV | 463   | 10175  | 0.66%  | 0.021% |
| 238 | 13.445 | 13.430 | 13.470 | VV | 488   | 7534   | 0.49%  | 0.016% |
| 239 | 13.506 | 13.470 | 13.596 | VV | 2348  | 57424  | 3.73%  | 0.119% |
| 240 | 13.637 | 13.596 | 13.658 | VV | 842   | 17925  | 1.16%  | 0.037% |
| 241 | 13.718 | 13.658 | 13.760 | VV | 519   | 16530  | 1.07%  | 0.034% |
| 242 | 13.773 | 13.760 | 13.800 | VV | 226   | 3136   | 0.20%  | 0.007% |
| 243 | 13.865 | 13.800 | 13.884 | PV | 449   | 9353   | 0.61%  | 0.019% |
| 244 | 13.924 | 13.884 | 13.946 | VV | 666   | 13939  | 0.90%  | 0.029% |
| 245 | 13.962 | 13.946 | 13.985 | VV | 399   | 7590   | 0.49%  | 0.016% |
| 246 | 14.011 | 13.985 | 14.028 | VV | 535   | 10833  | 0.70%  | 0.023% |

Instrument :  
FID\_G  
ClientSampleId :  
LOWER-WALL-PILE-A

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025  
Supervised By :mohammad ahmed 05/12/2025

|     |        |        |        |    | riteres |        |        |        |
|-----|--------|--------|--------|----|---------|--------|--------|--------|
| 247 | 14.051 | 14.028 | 14.074 | VV | 868     | 14774  | 0.96%  | 0.031% |
| 248 | 14.108 | 14.074 | 14.130 | VV | 2050    | 41084  |        |        |
| 249 | 14.146 | 14.130 | 14.196 | VV | 2432    | 45255  |        |        |
| 250 | 14.208 | 14.196 | 14.226 | VV | 368     | 4730   |        |        |
| 251 | 14.233 | 14.226 | 14.274 | VV | 204     | 3895   |        |        |
| 252 | 14.313 | 14.274 | 14.356 | PV | 1590    | 24738  |        |        |
| 253 | 14.370 | 14.356 | 14.389 | VV | 166     | 2023   | 0.13%  | 0.004% |
| 254 | 14.420 | 14.389 | 14.429 | PV | 126     | 2261   | 0.15%  | 0.005% |
| 255 | 14.500 | 14.429 | 14.547 | VV | 2299    | 51174  | 3.32%  | 0.106% |
| 256 | 14.617 | 14.547 | 14.641 | VV | 1057    | 31414  | 2.04%  | 0.065% |
| 257 | 14.665 | 14.641 | 14.688 | VV | 2506    | 35720  | 2.32%  | 0.074% |
| 258 | 14.725 | 14.688 | 14.744 | VV | 1050    | 25694  | 1.67%  | 0.053% |
| 259 | 14.766 | 14.744 | 14.790 | VV | 1432    | 21898  | 1.42%  | 0.046% |
| 260 | 14.844 | 14.790 | 14.871 | VV | 582     | 23371  | 1.52%  | 0.049% |
| 261 | 14.915 | 14.871 | 14.932 | VV | 256     | 6317   | 0.41%  | 0.013% |
| 262 | 14.955 | 14.932 | 14.970 | VV | 425     | 4810   | 0.31%  | 0.010% |
| 263 | 15.003 | 14.970 | 15.033 | VV | 13125   | 178742 | 11.60% | 0.372% |
| 264 | 15.052 | 15.033 | 15.083 | VV | 648     | 11923  | 0.77%  | 0.025% |
| 265 | 15.165 | 15.083 | 15.179 | PV | 2087    | 36275  | 2.36%  | 0.075% |
| 266 | 15.205 | 15.179 | 15.233 | VV | 3557    | 65520  | 4.25%  | 0.136% |
| 267 | 15.252 | 15.233 | 15.284 | VV | 2000    | 29259  | 1.90%  | 0.061% |
| 268 | 15.316 | 15.284 | 15.347 | VV | 630     | 17779  | 1.15%  | 0.037% |
| 269 | 15.368 | 15.347 | 15.388 | VV | 418     | 7939   | 0.52%  | 0.017% |
| 270 | 15.405 | 15.388 | 15.427 | VV | 351     | 4543   | 0.29%  | 0.009% |
| 271 | 15.457 | 15.427 | 15.495 | PV | 332     | 9168   | 0.60%  | 0.019% |
| 272 | 15.548 | 15.495 | 15.563 | VV | 407     | 13269  | 0.86%  | 0.028% |
| 273 | 15.594 | 15.563 | 15.676 | VV | 13435   | 236521 | 15.36% | 0.492% |
| 274 | 15.683 | 15.676 | 15.698 | VV | 419     | 4631   | 0.30%  | 0.010% |
| 275 | 15.729 | 15.698 | 15.762 | VV | 4634    | 66484  | 4.32%  | 0.138% |
| 276 | 15.793 | 15.762 | 15.820 | VV | 2924    | 49631  | 3.22%  | 0.103% |
| 277 | 15.846 | 15.820 | 15.895 | VV | 750     | 21541  | 1.40%  | 0.045% |
| 278 | 15.947 | 15.895 | 15.966 | PV | 377     | 6696   | 0.43%  | 0.014% |
| 279 | 15.991 | 15.966 | 16.010 | VV | 704     | 11453  | 0.74%  | 0.024% |
| 280 | 16.012 | 16.010 | 16.031 | VV | 503     | 4350   | 0.28%  | 0.009% |
| 281 | 16.113 | 16.031 | 16.152 | VV | 1328    | 37146  | 2.41%  | 0.077% |
| 282 | 16.193 | 16.152 | 16.210 | VV | 1144    | 22417  | 1.46%  | 0.047% |
| 283 | 16.233 | 16.210 | 16.266 | VV | 2498    | 41603  | 2.70%  | 0.086% |
| 284 | 16.295 | 16.266 | 16.332 | VV | 4703    | 69369  | 4.50%  | 0.144% |
| 285 | 16.364 | 16.332 | 16.383 | VV | 417     | 8305   | 0.54%  | 0.017% |
| 286 | 16.437 | 16.383 | 16.460 | PV | 824     | 21519  | 1.40%  | 0.045% |
| 287 | 16.524 | 16.460 | 16.548 | PV | 1046    | 24190  | 1.57%  | 0.050% |
| 288 | 16.609 | 16.548 | 16.663 | VV | 26732   | 462048 | 30.00% | 0.960% |
| 289 | 16.718 | 16.663 | 16.765 | VV | 10839   | 199694 | 12.96% | 0.415% |
| 290 | 16.788 | 16.765 | 16.826 | VV | 3829    | 66891  | 4.34%  | 0.139% |
| 291 | 16.858 | 16.826 | 16.876 | VV | 1343    | 24108  | 1.57%  | 0.050% |
| 292 | 16.929 | 16.876 | 16.959 | VV | 671     | 22631  | 1.47%  | 0.047% |
| 293 | 17.013 | 16.959 | 17.024 | PV | 868     | 21423  | 1.39%  | 0.045% |
| 294 | 17.051 | 17.024 | 17.073 | VV | 2017    | 38189  | 2.48%  | 0.079% |
| 295 | 17.094 | 17.073 | 17.103 | VV | 2596    | 34144  | 2.22%  | 0.071% |
| 296 | 17.110 | 17.103 | 17.133 | VV | 2253    | 30693  | 1.99%  | 0.064% |
| 297 | 17.154 | 17.133 | 17.165 | VV | 2327    | 35585  | 2.31%  | 0.074% |
| 298 | 17.186 | 17.165 | 17.212 | VV | 3775    | 74470  | 4.83%  | 0.155% |
| 299 | 17.263 | 17.212 | 17.303 | VV | 17253   | 293154 | 19.03% | 0.609% |

Instrument :  
FID\_G  
ClientSampleId :  
LOWER-WALL-PILE-A

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025  
Supervised By :mohammad ahmed 05/12/2025

|     |        |        |        |    | rteres |         | CLIENTS Sampled : LOWER-WALL-PILE |        |
|-----|--------|--------|--------|----|--------|---------|-----------------------------------|--------|
| 300 | 17.312 | 17.303 | 17.326 | VV | 631    | 6187    | 0.40%                             | 0.013% |
| 301 | 17.421 | 17.326 | 17.444 | PV | 1286   | 33461   | Manual Integration                |        |
| 302 | 17.510 | 17.444 | 17.523 | VV | 1070   | 25816   |                                   |        |
| 303 | 17.555 | 17.523 | 17.603 | VV | 29854  | 503469  |                                   |        |
| 304 | 17.638 | 17.603 | 17.690 | VV | 32301  | 487574  |                                   |        |
| 305 | 17.721 | 17.690 | 17.766 | VV | 3811   | 89757   |                                   |        |
| 306 | 17.804 | 17.766 | 17.833 | VV | 3423   | 49904   | 3.24%                             | 0.104% |
| 307 | 17.846 | 17.833 | 17.880 | VV | 816    | 10360   | 0.67%                             | 0.022% |
| 308 | 17.908 | 17.880 | 17.923 | PV | 1186   | 17543   | 1.14%                             | 0.036% |
| 309 | 17.930 | 17.923 | 17.945 | VV | 858    | 9309    | 0.60%                             | 0.019% |
| 310 | 18.006 | 17.945 | 18.029 | VV | 3435   | 89473   | 5.81%                             | 0.186% |
| 311 | 18.077 | 18.029 | 18.101 | VV | 6841   | 155660  | 10.11%                            | 0.324% |
| 312 | 18.166 | 18.101 | 18.195 | VV | 32413  | 514736  | 33.42%                            | 1.070% |
| 313 | 18.216 | 18.195 | 18.234 | VV | 4140   | 68616   | 4.45%                             | 0.143% |
| 314 | 18.257 | 18.234 | 18.280 | VV | 2283   | 53786   | 3.49%                             | 0.112% |
| 315 | 18.302 | 18.280 | 18.336 | VV | 4582   | 88077   | 5.72%                             | 0.183% |
| 316 | 18.396 | 18.336 | 18.413 | VV | 6687   | 126552  | 8.22%                             | 0.263% |
| 317 | 18.439 | 18.413 | 18.463 | VV | 33588  | 565115  | 36.69%                            | 1.175% |
| 318 | 18.499 | 18.463 | 18.546 | VV | 56636  | 1040819 | 67.57%                            | 2.163% |
| 319 | 18.554 | 18.546 | 18.565 | VV | 3239   | 34664   | 2.25%                             | 0.072% |
| 320 | 18.594 | 18.565 | 18.623 | VV | 8936   | 199786  | 12.97%                            | 0.415% |
| 321 | 18.634 | 18.623 | 18.685 | VV | 4692   | 125524  | 8.15%                             | 0.261% |
| 322 | 18.788 | 18.685 | 18.836 | VV | 6575   | 373155  | 24.23%                            | 0.776% |
| 323 | 18.902 | 18.836 | 18.936 | VV | 12478  | 473188  | 30.72%                            | 0.984% |
| 324 | 18.952 | 18.936 | 18.964 | VV | 5837   | 92208   | 5.99%                             | 0.192% |
| 325 | 19.012 | 18.964 | 19.054 | VV | 46403  | 971638  | 63.08%                            | 2.020% |
| 326 | 19.073 | 19.054 | 19.096 | VV | 9329   | 196218  | 12.74%                            | 0.408% |
| 327 | 19.115 | 19.096 | 19.149 | VV | 6474   | 178480  | 11.59%                            | 0.371% |
| 328 | 19.224 | 19.149 | 19.235 | VV | 10105  | 369606  | 24.00%                            | 0.768% |
| 329 | 19.268 | 19.235 | 19.297 | VV | 73536  | 1386566 | 90.02%                            | 2.882% |
| 330 | 19.311 | 19.297 | 19.358 | VV | 21063  | 535244  | 34.75%                            | 1.112% |
| 331 | 19.387 | 19.358 | 19.406 | VV | 14972  | 357464  | 23.21%                            | 0.743% |
| 332 | 19.437 | 19.406 | 19.493 | VV | 20593  | 668235  | 43.38%                            | 1.389% |
| 333 | 19.545 | 19.493 | 19.588 | VV | 17782  | 730739  | 47.44%                            | 1.519% |
| 334 | 19.601 | 19.588 | 19.621 | VV | 12399  | 231108  | 15.00%                            | 0.480% |
| 335 | 19.634 | 19.621 | 19.645 | VV | 10649  | 150579  | 9.78%                             | 0.313% |
| 336 | 19.724 | 19.645 | 19.737 | VV | 17647  | 728449  | 47.29%                            | 1.514% |
| 337 | 19.760 | 19.737 | 19.780 | VV | 31445  | 573154  | 37.21%                            | 1.191% |
| 338 | 19.807 | 19.780 | 19.858 | VV | 35579  | 997560  | 64.76%                            | 2.073% |
| 339 | 19.872 | 19.858 | 19.891 | VV | 14803  | 281932  | 18.30%                            | 0.586% |
| 340 | 19.915 | 19.891 | 19.934 | VV | 14599  | 367699  | 23.87%                            | 0.764% |
| 341 | 19.977 | 19.934 | 20.010 | VV | 19367  | 716708  | 46.53%                            | 1.490% |
| 342 | 20.046 | 20.010 | 20.090 | VV | 34956  | 1097318 | 71.24%                            | 2.281% |
| 343 | 20.116 | 20.090 | 20.143 | VV | 24991  | 727609  | 47.24%                            | 1.512% |
| 344 | 20.150 | 20.143 | 20.182 | VV | 23031  | 489802  | 31.80%                            | 1.018% |
| 345 | 20.241 | 20.182 | 20.276 | VV | 20978  | 1106570 | 71.84%                            | 2.300% |
| 346 | 20.314 | 20.276 | 20.356 | VV | 23378  | 1017980 | 66.09%                            | 2.116% |
| 347 | 20.384 | 20.356 | 20.403 | VV | 22542  | 603686  | 39.19%                            | 1.255% |
| 348 | 20.435 | 20.403 | 20.455 | VV | 23560  | 710889  | 46.15%                            | 1.478% |
| 349 | 20.474 | 20.455 | 20.481 | VV | 22797  | 348048  | 22.60%                            | 0.723% |
| 350 | 20.557 | 20.481 | 20.572 | VV | 26605  | 1320070 | 85.70%                            | 2.744% |
| 351 | 20.601 | 20.572 | 20.624 | VV | 28126  | 841368  | 54.62%                            | 1.749% |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025  
Supervised By :mohammad ahmed 05/12/2025



|                                       |        |        |        |     |       | Instrument :<br>FID_G       |         |        |
|---------------------------------------|--------|--------|--------|-----|-------|-----------------------------|---------|--------|
| ClientSampleId :<br>LOWER-WALL-PILE-A |        |        |        |     |       | Manual IntegrationsAPPROVED |         |        |
| 352                                   | 20.649 | 20.624 | 20.660 | VV  | 27849 | 569021                      | 36.94%  | 1.183% |
| 353                                   | 20.674 | 20.660 | 20.683 | VV  | 27146 | 382016                      | 24.94%  | 0.799% |
| 354                                   | 20.735 | 20.683 | 20.748 | VV  | 28222 | 1076293                     | 69.00%  | 2.202% |
| 355                                   | 20.790 | 20.748 | 20.817 | VV  | 30349 | 1201898                     | 78.00%  | 2.506% |
| 356                                   | 20.833 | 20.817 | 20.883 | VV  | 28869 | 1118618                     | 72.00%  | 2.302% |
| 357                                   | 20.890 | 20.883 | 20.907 | VV  | 27765 | 391495                      | 29.00%  | 0.905% |
| 358                                   | 20.962 | 20.907 | 21.000 | VV  | 28497 | 1540345                     | 100.00% | 3.202% |
| 359                                   | 21.011 | 21.000 | 21.039 | VV  | 26625 | 606186                      | 39.35%  | 1.260% |
| 360                                   | 21.055 | 21.039 | 21.067 | VV  | 26225 | 435211                      | 28.25%  | 0.905% |
| 361                                   | 21.081 | 21.067 | 21.111 | VV  | 26412 | 682768                      | 44.33%  | 1.419% |
| 362                                   | 21.122 | 21.111 | 21.137 | VV  | 25613 | 384393                      | 24.96%  | 0.799% |
| 363                                   | 21.169 | 21.137 | 21.230 | VV  | 25674 | 1350068                     | 87.65%  | 2.806% |
| 364                                   | 21.249 | 21.230 | 21.284 | VV  | 22492 | 716337                      | 46.50%  | 1.489% |
| 365                                   | 21.290 | 21.284 | 21.300 | VV  | 21618 | 203312                      | 13.20%  | 0.423% |
| 366                                   | 21.303 | 21.300 | 21.323 | VV  | 21654 | 291728                      | 18.94%  | 0.606% |
| 367                                   | 21.336 | 21.323 | 21.346 | VV  | 21123 | 296694                      | 19.26%  | 0.617% |
| 368                                   | 21.354 | 21.346 | 21.393 | VV  | 21127 | 570602                      | 37.04%  | 1.186% |
| 369                                   | 21.402 | 21.393 | 21.422 | VV  | 19713 | 332781                      | 21.60%  | 0.692% |
| 370                                   | 21.436 | 21.422 | 21.511 | VV  | 19583 | 1016678                     | 66.00%  | 2.113% |
| 371                                   | 21.533 | 21.511 | 21.550 | VV  | 18152 | 412780                      | 26.80%  | 0.858% |
| 372                                   | 21.567 | 21.550 | 21.576 | VV  | 18364 | 283709                      | 18.42%  | 0.590% |
| 373                                   | 21.584 | 21.576 | 21.596 | VV  | 17847 | 209103                      | 13.58%  | 0.435% |
| 374                                   | 21.603 | 21.596 | 21.665 | VV  | 17801 | 695984                      | 45.18%  | 1.447% |
| 375                                   | 21.674 | 21.665 | 21.702 | VV  | 16381 | 353625                      | 22.96%  | 0.735% |
| 376                                   | 21.723 | 21.702 | 21.773 | VV  | 15527 | 633188                      | 41.11%  | 1.316% |
| 377                                   | 21.825 | 21.773 | 21.844 | VV  | 14478 | 605467                      | 39.31%  | 1.258% |
| 378                                   | 21.863 | 21.844 | 21.903 | VV  | 13563 | 459825                      | 29.85%  | 0.956% |
| 379                                   | 21.947 | 21.903 | 21.986 | VV  | 12063 | 588235                      | 38.19%  | 1.223% |
| 380                                   | 22.003 | 21.986 | 22.033 | VV  | 11898 | 322794                      | 20.96%  | 0.671% |
| 381                                   | 22.045 | 22.033 | 22.086 | VV  | 11233 | 340703                      | 22.12%  | 0.708% |
| 382                                   | 22.103 | 22.086 | 22.169 | VV  | 10743 | 470755                      | 30.56%  | 0.978% |
| 383                                   | 22.187 | 22.169 | 22.197 | VV  | 8291  | 136756                      | 8.88%   | 0.284% |
| 384                                   | 22.203 | 22.197 | 22.219 | VV  | 8163  | 102834                      | 6.68%   | 0.214% |
| 385                                   | 22.251 | 22.219 | 22.323 | VV  | 7772  | 455341                      | 29.56%  | 0.946% |
| 386                                   | 22.329 | 22.323 | 22.343 | VV  | 7073  | 80644                       | 5.24%   | 0.168% |
| 387                                   | 22.362 | 22.343 | 22.412 | VV  | 6914  | 266472                      | 17.30%  | 0.554% |
| 388                                   | 22.434 | 22.412 | 22.604 | VV  | 6121  | 568466                      | 36.91%  | 1.182% |
| 389                                   | 22.662 | 22.604 | 22.690 | VV  | 4127  | 174635                      | 11.34%  | 0.363% |
| 390                                   | 22.701 | 22.690 | 22.710 | VV  | 2554  | 27790                       | 1.80%   | 0.058% |
| 391                                   | 22.713 | 22.710 | 22.803 | VBA | 2580  | 122213                      | 7.93%   | 0.254% |
| Sum of corrected areas:               |        |        |        |     |       | 48111896                    |         |        |

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025  
Supervised By :mohammad ahmed 05/12/2025