

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3178

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090386.D Date Analyzed: 09/25/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:54

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.067 | 8.970     | 9.170 | 16.810     | 20.000     | -16.0 |
| Tetrachloro-m-xylene | 3.547 | 3.500     | 3.600 | 15.970     | 20.000     | -20.2 |
| alpha-BHC            | 3.996 | 3.950     | 4.050 | 6.730      | 10.000     | -32.7 |
| beta-BHC             | 4.513 | 4.460     | 4.560 | 7.680      | 10.000     | -23.2 |
| gamma-BHC (Lindane)  | 4.327 | 4.280     | 4.380 | 7.030      | 10.000     | -29.7 |
| Endrin               | 6.570 | 6.500     | 6.640 | 36.720     | 50.000     | -26.6 |
| 4,4'-DDT             | 7.017 | 6.950     | 7.090 | 72.060     | 100.000    | -27.9 |
| Methoxychlor         | 7.490 | 7.420     | 7.560 | 167.530    | 250.000    | -33.0 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090386.D Date Analyzed: 09/25/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:54

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.063 | 7.960     | 8.160 | 17.270     | 20.000     | -13.7 |
| Tetrachloro-m-xylene | 2.876 | 2.830     | 2.930 | 15.740     | 20.000     | -21.3 |
| alpha-BHC            | 3.388 | 3.340     | 3.440 | 8.090      | 10.000     | -19.1 |
| beta-BHC             | 4.019 | 3.970     | 4.070 | 8.120      | 10.000     | -18.8 |
| gamma-BHC (Lindane)  | 3.724 | 3.670     | 3.770 | 8.170      | 10.000     | -18.3 |
| Endrin               | 5.782 | 5.710     | 5.850 | 38.330     | 50.000     | -23.3 |
| 4,4'-DDT             | 6.175 | 6.100     | 6.250 | 74.150     | 100.000    | -25.9 |
| Methoxychlor         | 6.746 | 6.680     | 6.820 | 151.510    | 250.000    | -39.4 |