

**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 - PL097435.D Date Analyzed: 09/30/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:43

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.998 | 8.900     | 9.100 | 19.770             | 20.000            | -1.2  |
| Tetrachloro-m-xylene | 3.526 | 3.480     | 3.580 | 17.870             | 20.000            | -10.7 |
| alpha-BHC            | 3.973 | 3.920     | 4.020 | 8.250              | 10.000            | -17.5 |
| beta-BHC             | 4.488 | 4.440     | 4.540 | 8.790              | 10.000            | -12.1 |
| gamma-BHC (Lindane)  | 4.300 | 4.250     | 4.350 | 8.430              | 10.000            | -15.7 |
| Endrin               | 6.530 | 6.460     | 6.600 | 45.760             | 50.000            | -8.5  |
| 4,4'-DDT             | 6.977 | 6.910     | 7.050 | 76.110             | 100.000           | -23.9 |
| Methoxychlor         | 7.450 | 7.380     | 7.520 | 181.100            | 250.000           | -27.6 |

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

Client Sample No. (PEM): PEM - PL097435.D Date Analyzed: 09/30/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:43

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 7.982 | 7.880     | 8.080 | 17.850             | 20.000            | -10.8 |
| Tetrachloro-m-xylene | 2.824 | 2.770     | 2.870 | 16.920             | 20.000            | -15.4 |
| alpha-BHC            | 3.328 | 3.280     | 3.380 | 7.850              | 10.000            | -21.5 |
| beta-BHC             | 3.956 | 3.910     | 4.010 | 8.500              | 10.000            | -15.0 |
| gamma-BHC (Lindane)  | 3.660 | 3.610     | 3.710 | 7.850              | 10.000            | -21.5 |
| Endrin               | 5.701 | 5.630     | 5.770 | 44.270             | 50.000            | -11.5 |
| 4,4'-DDT             | 6.100 | 6.030     | 6.170 | 71.900             | 100.000           | -28.1 |
| Methoxychlor         | 6.672 | 6.600     | 6.740 | 154.510            | 250.000           | -38.2 |