

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3176  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/25/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090396.D **Time Analyzed:** 16:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.708 | 6.601     | 6.801 | 45.110             | 50.000            | -9.8  |
| 4,4'-DDE             | 6.199 | 6.092     | 6.292 | 44.650             | 50.000            | -10.7 |
| 4,4'-DDT             | 7.024 | 6.917     | 7.117 | 44.380             | 50.000            | -11.2 |
| Aldrin               | 5.273 | 5.166     | 5.366 | 44.840             | 50.000            | -10.3 |
| alpha-BHC            | 4.002 | 3.895     | 4.095 | 45.840             | 50.000            | -8.3  |
| alpha-Chlordane      | 6.030 | 5.922     | 6.122 | 44.440             | 50.000            | -11.1 |
| beta-BHC             | 4.520 | 4.413     | 4.613 | 44.840             | 50.000            | -10.3 |
| Decachlorobiphenyl   | 9.076 | 8.968     | 9.168 | 43.150             | 50.000            | -13.7 |
| delta-BHC            | 4.766 | 4.661     | 4.861 | 46.680             | 50.000            | -6.6  |
| Dieldrin             | 6.350 | 6.243     | 6.443 | 44.710             | 50.000            | -10.6 |
| Endosulfan I         | 6.077 | 5.970     | 6.170 | 44.410             | 50.000            | -11.2 |
| Endosulfan II        | 6.789 | 6.682     | 6.882 | 45.640             | 50.000            | -8.7  |
| Endosulfan sulfate   | 7.153 | 7.046     | 7.246 | 43.930             | 50.000            | -12.1 |
| Endrin               | 6.577 | 6.469     | 6.669 | 44.460             | 50.000            | -11.1 |
| Endrin aldehyde      | 6.918 | 6.811     | 7.011 | 44.520             | 50.000            | -11.0 |
| Endrin ketone        | 7.634 | 7.527     | 7.727 | 44.350             | 50.000            | -11.3 |
| gamma-BHC (Lindane)  | 4.333 | 4.226     | 4.426 | 45.220             | 50.000            | -9.6  |
| gamma-Chlordane      | 5.949 | 5.842     | 6.042 | 44.930             | 50.000            | -10.1 |
| Heptachlor           | 4.932 | 4.825     | 5.025 | 45.460             | 50.000            | -9.1  |
| Heptachlor epoxide   | 5.693 | 5.586     | 5.786 | 44.310             | 50.000            | -11.4 |
| Methoxychlor         | 7.497 | 7.390     | 7.590 | 42.860             | 50.000            | -14.3 |
| Tetrachloro-m-xylene | 3.552 | 3.446     | 3.646 | 43.000             | 50.000            | -14.0 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3176  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/25/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090396.D **Time Analyzed:** 16:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.924 | 5.822     | 6.022 | 44.650             | 50.000            | -10.7 |
| 4,4'-DDE             | 5.369 | 5.268     | 5.468 | 44.360             | 50.000            | -11.3 |
| 4,4'-DDT             | 6.178 | 6.076     | 6.276 | 44.430             | 50.000            | -11.1 |
| Aldrin               | 4.363 | 4.262     | 4.462 | 44.400             | 50.000            | -11.2 |
| alpha-BHC            | 3.388 | 3.288     | 3.488 | 44.240             | 50.000            | -11.5 |
| alpha-Chlordane      | 5.185 | 5.083     | 5.283 | 44.320             | 50.000            | -11.4 |
| beta-BHC             | 4.021 | 3.920     | 4.120 | 49.250             | 50.000            | -1.5  |
| Decachlorobiphenyl   | 8.066 | 7.964     | 8.164 | 44.310             | 50.000            | -11.4 |
| delta-BHC            | 4.257 | 4.156     | 4.356 | 44.650             | 50.000            | -10.7 |
| Dieldrin             | 5.508 | 5.406     | 5.606 | 44.570             | 50.000            | -10.9 |
| Endosulfan I         | 5.242 | 5.140     | 5.340 | 44.090             | 50.000            | -11.8 |
| Endosulfan II        | 6.076 | 5.973     | 6.173 | 44.400             | 50.000            | -11.2 |
| Endosulfan sulfate   | 6.477 | 6.375     | 6.575 | 43.990             | 50.000            | -12.0 |
| Endrin               | 5.784 | 5.682     | 5.882 | 43.850             | 50.000            | -12.3 |
| Endrin aldehyde      | 6.254 | 6.152     | 6.352 | 44.550             | 50.000            | -10.9 |
| Endrin ketone        | 6.987 | 6.884     | 7.084 | 43.810             | 50.000            | -12.4 |
| gamma-BHC (Lindane)  | 3.725 | 3.624     | 3.824 | 44.300             | 50.000            | -11.4 |
| gamma-Chlordane      | 5.120 | 5.018     | 5.218 | 44.300             | 50.000            | -11.4 |
| Heptachlor           | 4.078 | 3.976     | 4.176 | 45.470             | 50.000            | -9.1  |
| Heptachlor epoxide   | 4.867 | 4.766     | 4.966 | 43.880             | 50.000            | -12.2 |
| Methoxychlor         | 6.749 | 6.646     | 6.846 | 43.820             | 50.000            | -12.4 |
| Tetrachloro-m-xylene | 2.875 | 2.776     | 2.976 | 43.420             | 50.000            | -13.2 |