

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

PB166101BS

Contract: WEST04

Lab Code: CHEM

Case No.: Q1109

SAS No.: Q1109

SDG NO.: Q1109

Lab Sample ID: PB166101BS

Date(s) Analyzed: 01/20/2025

01/20/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endosulfan II       | 1   | 6.79 | 6.74      | 6.84 | 0.46          | 14.1 |
|                     | 2   | 5.93 | 5.88      | 5.98 | 0.53          |      |
| 4,4'-DDD            | 1   | 6.71 | 6.66      | 6.76 | 0.52          | 5.7  |
|                     | 2   | 5.79 | 5.74      | 5.84 | 0.55          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 0.50          | 1.9  |
|                     | 2   | 6.04 | 5.99      | 6.09 | 0.51          |      |
| Endrin aldehyde     | 1   | 6.92 | 6.87      | 6.97 | 0.47          | 6.4  |
|                     | 2   | 6.11 | 6.06      | 6.16 | 0.50          |      |
| Endosulfan sulfate  | 1   | 7.16 | 7.11      | 7.21 | 0.48          | 6.4  |
|                     | 2   | 6.33 | 6.28      | 6.38 | 0.51          |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 0.48          | 0.1  |
|                     | 2   | 6.61 | 6.56      | 6.66 | 0.48          |      |
| Endrin ketone       | 1   | 7.64 | 7.59      | 7.69 | 0.49          | 7.1  |
|                     | 2   | 6.84 | 6.79      | 6.89 | 0.52          |      |
| alpha-BHC           | 1   | 3.99 | 3.94      | 4.04 | 0.47          | 4.4  |
|                     | 2   | 3.28 | 3.23      | 3.33 | 0.49          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 0.46          | 3    |
|                     | 2   | 3.61 | 3.56      | 3.66 | 0.48          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 0.48          | 1.8  |
|                     | 2   | 3.95 | 3.90      | 4.00 | 0.49          |      |
| Aldrin              | 1   | 5.26 | 5.21      | 5.31 | 0.46          | 2.7  |
|                     | 2   | 4.23 | 4.18      | 4.28 | 0.47          |      |
| beta-BHC            | 1   | 4.53 | 4.48      | 4.58 | 0.48          | 3.2  |
|                     | 2   | 3.91 | 3.86      | 3.96 | 0.50          |      |
| delta-BHC           | 1   | 4.77 | 4.72      | 4.82 | 0.47          | 0.5  |
|                     | 2   | 4.14 | 4.09      | 4.19 | 0.48          |      |
| Heptachlor epoxide  | 1   | 5.68 | 5.63      | 5.73 | 0.47          | 3    |
|                     | 2   | 4.73 | 4.68      | 4.78 | 0.48          |      |

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Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE         | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------------|-----|------|-----------|------|---------------|------|
|                 |     |      | FROM      | TO   |               |      |
| Endosulfan I    | 1   | 6.07 | 6.02      | 6.12 | 0.48          | 5.6  |
|                 | 2   | 5.10 | 5.05      | 5.15 | 0.51          |      |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 0.48          | 5    |
|                 | 2   | 4.98 | 4.93      | 5.03 | 0.51          |      |
| alpha-Chlordane | 1   | 6.02 | 5.97      | 6.07 | 0.48          | 3.8  |
|                 | 2   | 5.04 | 4.99      | 5.09 | 0.50          |      |
| 4,4'-DDE        | 1   | 6.19 | 6.14      | 6.24 | 0.50          | 2.4  |
|                 | 2   | 5.23 | 5.18      | 5.28 | 0.51          |      |
| Dieldrin        | 1   | 6.34 | 6.29      | 6.39 | 0.48          | 5.4  |
|                 | 2   | 5.36 | 5.31      | 5.41 | 0.50          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 0.46          | 8.6  |
|                 | 2   | 5.64 | 5.59      | 5.69 | 0.50          |      |
| Mirex           | 1   | 8.12 | 8.07      | 8.17 | 0.44          | 3.6  |
|                 | 2   | 7.02 | 6.97      | 7.07 | 0.46          |      |

**COMPOUND DETECTION SUMMARY**

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SAS No.: Q1109 SDG NO.: Q1109

Lab Sample ID: PB166101BSD

Date(s) Analyzed: 01/20/2025 01/20/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| 4,4'-DDD            | 1   | 6.72 | 6.67      | 6.77 | 0.51          | 5.7  |
|                     | 2   | 5.79 | 5.74      | 5.84 | 0.54          |      |
| 4,4'-DDT            | 1   | 7.03 | 6.98      | 7.08 | 0.49          | 1.9  |
|                     | 2   | 6.04 | 5.99      | 6.09 | 0.50          |      |
| Aldrin              | 1   | 5.26 | 5.21      | 5.31 | 0.45          | 0.7  |
|                     | 2   | 4.23 | 4.18      | 4.28 | 0.46          |      |
| 4,4'-DDE            | 1   | 6.20 | 6.15      | 6.25 | 0.49          | 1.1  |
|                     | 2   | 5.23 | 5.18      | 5.28 | 0.49          |      |
| Endosulfan II       | 1   | 6.80 | 6.75      | 6.85 | 0.45          | 13.9 |
|                     | 2   | 5.93 | 5.88      | 5.98 | 0.52          |      |
| Endrin aldehyde     | 1   | 6.93 | 6.88      | 6.98 | 0.47          | 6    |
|                     | 2   | 6.11 | 6.06      | 6.16 | 0.49          |      |
| Endosulfan sulfate  | 1   | 7.16 | 7.11      | 7.21 | 0.48          | 6.2  |
|                     | 2   | 6.34 | 6.29      | 6.39 | 0.51          |      |
| Methoxychlor        | 1   | 7.51 | 7.46      | 7.56 | 0.48          | 0    |
|                     | 2   | 6.61 | 6.56      | 6.66 | 0.48          |      |
| Endrin ketone       | 1   | 7.65 | 7.60      | 7.70 | 0.49          | 6.3  |
|                     | 2   | 6.84 | 6.79      | 6.89 | 0.52          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 0.45          | 2.5  |
|                     | 2   | 3.28 | 3.23      | 3.33 | 0.47          |      |
| gamma-BHC (Lindane) | 1   | 4.34 | 4.29      | 4.39 | 0.45          | 1.1  |
|                     | 2   | 3.61 | 3.56      | 3.66 | 0.46          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 0.48          | 0.8  |
|                     | 2   | 3.95 | 3.90      | 4.00 | 0.47          |      |
| beta-BHC            | 1   | 4.53 | 4.48      | 4.58 | 0.47          | 2.5  |
|                     | 2   | 3.91 | 3.86      | 3.96 | 0.48          |      |
| delta-BHC           | 1   | 4.78 | 4.73      | 4.83 | 0.47          | 1.8  |
|                     | 2   | 4.14 | 4.09      | 4.19 | 0.46          |      |

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GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| Heptachlor epoxide | 1   | 5.69 | 5.64      | 5.74 | 0.46          | 1    |
|                    | 2   | 4.73 | 4.68      | 4.78 | 0.47          |      |
| Endosulfan I       | 1   | 6.08 | 6.03      | 6.13 | 0.47          | 3.6  |
|                    | 2   | 5.10 | 5.05      | 5.15 | 0.49          |      |
| gamma-Chlordane    | 1   | 5.95 | 5.90      | 6.00 | 0.47          | 3.6  |
|                    | 2   | 4.98 | 4.93      | 5.03 | 0.49          |      |
| alpha-Chlordane    | 1   | 6.03 | 5.98      | 6.08 | 0.48          | 1.7  |
|                    | 2   | 5.04 | 4.99      | 5.09 | 0.49          |      |
| Dieldrin           | 1   | 6.35 | 6.30      | 6.40 | 0.47          | 3.6  |
|                    | 2   | 5.36 | 5.31      | 5.41 | 0.49          |      |
| Endrin             | 1   | 6.58 | 6.53      | 6.63 | 0.46          | 7.2  |
|                    | 2   | 5.64 | 5.59      | 5.69 | 0.49          |      |
| Mirex              | 1   | 8.12 | 8.07      | 8.17 | 0.45          | 3.3  |
|                    | 2   | 7.02 | 6.97      | 7.07 | 0.46          |      |