



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: O2213 SAS No.: O2213 SDG NO.: O2213

Continuing Calib Date: 04/08/2023 Initial Calibration Date(s): 03/22/2023 03/22/2023

Continuing Calib Time: 10:26 Initial Calibration Time(s): 18:15 19:39

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.75       | 8.76      | 8.66      | 8.86 | 0.01       |
| Tetrachloro-m-xylene | 3.33       | 3.34      | 3.24      | 3.44 | 0.01       |
| alpha-BHC            | 3.78       | 3.79      | 3.69      | 3.89 | 0.01       |
| beta-BHC             | 4.31       | 4.32      | 4.22      | 4.42 | 0.01       |
| delta-BHC            | 4.55       | 4.56      | 4.46      | 4.66 | 0.01       |
| gamma-BHC (Lindane)  | 4.11       | 4.11      | 4.01      | 4.21 | 0.00       |
| Heptachlor           | 4.68       | 4.69      | 4.59      | 4.79 | 0.01       |
| Aldrin               | 5.02       | 5.03      | 4.93      | 5.13 | 0.01       |
| Heptachlor epoxide   | 5.45       | 5.46      | 5.36      | 5.56 | 0.01       |
| Endosulfan I         | 5.83       | 5.84      | 5.74      | 5.94 | 0.01       |
| Dieldrin             | 6.10       | 6.11      | 6.01      | 6.21 | 0.01       |
| 4,4'-DDE             | 5.96       | 5.97      | 5.87      | 6.07 | 0.01       |
| Endrin               | 6.33       | 6.34      | 6.24      | 6.44 | 0.01       |
| Endosulfan II        | 6.55       | 6.56      | 6.46      | 6.66 | 0.01       |
| 4,4'-DDD             | 6.47       | 6.48      | 6.38      | 6.58 | 0.01       |
| Endosulfan sulfate   | 6.92       | 6.92      | 6.82      | 7.02 | 0.01       |
| 4,4'-DDT             | 6.78       | 6.79      | 6.69      | 6.89 | 0.01       |
| Methoxychlor         | 7.26       | 7.27      | 7.17      | 7.37 | 0.01       |
| Endrin ketone        | 7.39       | 7.40      | 7.30      | 7.50 | 0.01       |
| Endrin aldehyde      | 6.68       | 6.69      | 6.59      | 6.79 | 0.01       |
| alpha-Chlordane      | 5.78       | 5.79      | 5.69      | 5.89 | 0.01       |
| gamma-Chlordane      | 5.70       | 5.71      | 5.61      | 5.81 | 0.01       |



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Continuing Calib Date: 04/08/2023 Initial Calibration Date(s): 03/22/2023 03/22/2023

Continuing Calib Time: 10:26 Initial Calibration Time(s): 18:15 19:39

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 7.77       | 7.78      | 7.68                   | 7.88 | 0.01       |
| Tetrachloro-m-xylene | 2.66       | 2.66      | 2.56                   | 2.76 | 0.01       |
| alpha-BHC            | 3.15       | 3.16      | 3.06                   | 3.26 | 0.01       |
| beta-BHC             | 3.78       | 3.78      | 3.68                   | 3.88 | 0.00       |
| delta-BHC            | 4.01       | 4.01      | 3.91                   | 4.11 | 0.00       |
| gamma-BHC (Lindane)  | 3.48       | 3.48      | 3.38                   | 3.58 | 0.00       |
| Heptachlor           | 3.81       | 3.82      | 3.72                   | 3.92 | 0.01       |
| Aldrin               | 4.09       | 4.10      | 4.00                   | 4.20 | 0.01       |
| Heptachlor epoxide   | 4.59       | 4.60      | 4.50                   | 4.70 | 0.01       |
| Endosulfan I         | 4.96       | 4.97      | 4.87                   | 5.07 | 0.01       |
| Dieldrin             | 5.22       | 5.23      | 5.13                   | 5.33 | 0.01       |
| 4,4'-DDE             | 5.10       | 5.10      | 5.00                   | 5.20 | 0.01       |
| Endrin               | 5.50       | 5.51      | 5.41                   | 5.61 | 0.01       |
| Endosulfan II        | 5.79       | 5.80      | 5.70                   | 5.90 | 0.01       |
| 4,4'-DDD             | 5.65       | 5.66      | 5.56                   | 5.76 | 0.01       |
| Endosulfan sulfate   | 6.20       | 6.20      | 6.10                   | 6.30 | 0.00       |
| 4,4'-DDT             | 5.90       | 5.91      | 5.81                   | 6.01 | 0.01       |
| Methoxychlor         | 6.48       | 6.49      | 6.39                   | 6.59 | 0.01       |
| Endrin ketone        | 6.70       | 6.71      | 6.61                   | 6.81 | 0.01       |
| Endrin aldehyde      | 5.98       | 5.98      | 5.88                   | 6.08 | 0.01       |
| alpha-Chlordane      | 4.90       | 4.91      | 4.81                   | 5.01 | 0.01       |
| gamma-Chlordane      | 4.84       | 4.85      | 4.75                   | 4.95 | 0.01       |