

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_L

Contract: NOBI03  
SDG NO.: Q2639

Calibration Date(s): 07/07/2025 07/07/2025  
Calibration Times: 10:53 11:49

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

| LAB FILE ID:         |            | CF 100 =          | <u>PL096240.D</u> | CF 075 =          | <u>PL096241.D</u> |                   |          |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|
| CF 050 =             |            | <u>PL096242.D</u> | CF 025 =          | <u>PL096243.D</u> | CF 005 =          | <u>PL096244.D</u> |          |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | %<br>RSD |
| 4,4'-DDD             | 3025530000 | 2846910000        | 2912000000        | 2866030000        | 2907990000        | 2911690000        | 2        |
| 4,4'-DDE             | 3926920000 | 3702200000        | 3661590000        | 3582550000        | 3664090000        | 3707470000        | 4        |
| 4,4'-DDT             | 3139990000 | 3020970000        | 3013860000        | 2971550000        | 3029680000        | 3035210000        | 2        |
| Aldrin               | 5044220000 | 4788040000        | 4818860000        | 4747320000        | 4770150000        | 4833720000        | 2        |
| alpha-BHC            | 5571020000 | 5284470000        | 5219170000        | 4994210000        | 4646830000        | 5143140000        | 7        |
| alpha-Chlordane      | 4467840000 | 4235850000        | 4336280000        | 4346530000        | 4507790000        | 4378860000        | 3        |
| beta-BHC             | 2082830000 | 1999940000        | 2042490000        | 2063730000        | 2205000000        | 2078800000        | 4        |
| Decachlorobiphenyl   | 2734760000 | 2660070000        | 2729730000        | 2840050000        | 3100690000        | 2813060000        | 6        |
| delta-BHC            | 4804100000 | 4509860000        | 4516620000        | 4346750000        | 4229310000        | 4481330000        | 5        |
| Dieldrin             | 4412200000 | 4164020000        | 4220320000        | 4153040000        | 4192430000        | 4228400000        | 3        |
| Endosulfan I         | 4104490000 | 3923660000        | 3972940000        | 3960980000        | 4224190000        | 4037250000        | 3        |
| Endosulfan II        | 3436020000 | 3297450000        | 3368710000        | 3426740000        | 3821340000        | 3470050000        | 6        |
| Endosulfan sulfate   | 3137110000 | 3004650000        | 3031090000        | 3032300000        | 3089040000        | 3058840000        | 2        |
| Endrin               | 3278570000 | 3096260000        | 3152290000        | 3035270000        | 2988660000        | 3110210000        | 4        |
| Endrin aldehyde      | 2215710000 | 2169840000        | 2211780000        | 2233390000        | 2347070000        | 2235560000        | 3        |
| Endrin ketone        | 3370450000 | 3244040000        | 3298880000        | 3310580000        | 3284220000        | 3301630000        | 1        |
| gamma-BHC (Lindane)  | 5277490000 | 4937170000        | 5003630000        | 4872450000        | 4807500000        | 4979650000        | 4        |
| gamma-Chlordane      | 4569600000 | 4313810000        | 4409790000        | 4376470000        | 4454320000        | 4424800000        | 2        |
| Heptachlor           | 4644220000 | 4480710000        | 4500180000        | 4479130000        | 4801850000        | 4581220000        | 3        |
| Heptachlor epoxide   | 4361240000 | 4217620000        | 4223310000        | 4173120000        | 3770510000        | 4149160000        | 5        |
| Methoxychlor         | 1520130000 | 1498290000        | 1535260000        | 1580890000        | 1742410000        | 1575400000        | 6        |
| Tetrachloro-m-xylene | 3687130000 | 3500570000        | 3606810000        | 3645250000        | 3805110000        | 3648970000        | 3        |

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Contract: NOBI03  
SDG NO.: Q2639

Calibration Date(s): 07/07/2025 07/07/2025  
Calibration Times: 10:53 11:49

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

| LAB FILE ID:         |            | CF 100 =          | <u>PL096240.D</u> | CF 075 =          | <u>PL096241.D</u> |                   |          |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|
| CF 050 =             |            | <u>PL096242.D</u> | CF 025 =          | <u>PL096243.D</u> | CF 005 =          | <u>PL096244.D</u> |          |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | %<br>RSD |
| 4,4'-DDD             | 5571570000 | 4977570000        | 5155470000        | 5287270000        | 4651570000        | 5128690000        | 7        |
| 4,4'-DDE             | 6739130000 | 6417050000        | 6536750000        | 6411470000        | 6214030000        | 6463690000        | 3        |
| 4,4'-DDT             | 5925140000 | 5675380000        | 5791870000        | 5721480000        | 5561780000        | 5735130000        | 2        |
| Aldrin               | 7475900000 | 7172530000        | 7359270000        | 7276060000        | 7194310000        | 7295610000        | 2        |
| alpha-BHC            | 8848150000 | 8418870000        | 8584670000        | 8360580000        | 7959470000        | 8434350000        | 4        |
| alpha-Chlordane      | 7046040000 | 6935280000        | 7064760000        | 7361960000        | 9193110000        | 7520230000        | 13       |
| beta-BHC             | 3360940000 | 3226040000        | 3388040000        | 3479970000        | 3664560000        | 3423910000        | 5        |
| Decachlorobiphenyl   | 4787910000 | 4666610000        | 4872180000        | 5085100000        | 5520680000        | 4986500000        | 7        |
| delta-BHC            | 8014430000 | 7644710000        | 7801450000        | 7659590000        | 7389330000        | 7701900000        | 3        |
| Dieldrin             | 6945820000 | 6673390000        | 6924870000        | 6824890000        | 6727300000        | 6819260000        | 2        |
| Endosulfan I         | 6416060000 | 6267840000        | 6569550000        | 7091990000        | 9525280000        | 7174140000        | 19       |
| Endosulfan II        | 5847590000 | 5648280000        | 5812370000        | 5897790000        | 6113420000        | 5863890000        | 3        |
| Endosulfan sulfate   | 5568190000 | 5412610000        | 5591840000        | 5675050000        | 5874310000        | 5624400000        | 3        |
| Endrin               | 6179120000 | 5963060000        | 6145890000        | 6105230000        | 6089210000        | 6096500000        | 1        |
| Endrin aldehyde      | 4125070000 | 4064350000        | 4267630000        | 4523470000        | 5292510000        | 4454610000        | 11       |
| Endrin ketone        | 6162820000 | 5984650000        | 6260480000        | 6351420000        | 6501850000        | 6252240000        | 3        |
| gamma-BHC (Lindane)  | 8140460000 | 7776520000        | 7961280000        | 7854920000        | 7646170000        | 7875870000        | 2        |
| gamma-Chlordane      | 7096610000 | 6910800000        | 6978800000        | 6991350000        | 7120960000        | 7019700000        | 1        |
| Heptachlor           | 7661840000 | 7400290000        | 7666040000        | 7667210000        | 7643400000        | 7607760000        | 2        |
| Heptachlor epoxide   | 6588350000 | 6451450000        | 6691850000        | 6724070000        | 6968780000        | 6684900000        | 3        |
| Methoxychlor         | 2949250000 | 2893130000        | 3027760000        | 3113420000        | 3205310000        | 3037770000        | 4        |
| Tetrachloro-m-xylene | 5771200000 | 5549810000        | 5746090000        | 5799260000        | 5989730000        | 5771220000        | 3        |