

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: NOBI03  
SDG NO.: Q2558

Calibration Date(s): 06/17/2025 06/17/2025  
Calibration Times: 15:52 16:47

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

| LAB FILE ID:         |            | CF 100 =          | <u>PD088993.D</u> | CF 075 =          | <u>PD088994.D</u> |                   |          |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|
| CF 050 =             |            | <u>PD088995.D</u> | CF 025 =          | <u>PD088996.D</u> | CF 005 =          | <u>PD088997.D</u> |          |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | %<br>RSD |
| 4,4'-DDD             | 3557450000 | 3439230000        | 3414120000        | 3228670000        | 3520780000        | 3432050000        | 4        |
| 4,4'-DDE             | 4564130000 | 4401240000        | 4312380000        | 4092310000        | 4435110000        | 4361030000        | 4        |
| 4,4'-DDT             | 3928430000 | 3802000000        | 3763430000        | 3580670000        | 3866490000        | 3788210000        | 3        |
| Aldrin               | 5504150000 | 5312640000        | 5254800000        | 4989300000        | 5504000000        | 5312980000        | 4        |
| alpha-BHC            | 6295370000 | 6031790000        | 5874750000        | 5417910000        | 5525530000        | 5829070000        | 6        |
| alpha-Chlordane      | 4885060000 | 4758900000        | 4734630000        | 4584390000        | 5229700000        | 4838540000        | 5        |
| beta-BHC             | 2136750000 | 2100860000        | 2137680000        | 2144670000        | 2515730000        | 2207140000        | 8        |
| Decachlorobiphenyl   | 3598890000 | 3628150000        | 3773200000        | 3897960000        | 4739940000        | 3927630000        | 12       |
| delta-BHC            | 5546280000 | 5292010000        | 5182350000        | 4751190000        | 4892690000        | 5132900000        | 6        |
| Dieldrin             | 4933650000 | 4797080000        | 4750270000        | 4527510000        | 4978810000        | 4797470000        | 4        |
| Endosulfan I         | 4511200000 | 4405770000        | 4412600000        | 4289200000        | 4918470000        | 4507450000        | 5        |
| Endosulfan II        | 3829260000 | 3982180000        | 4002080000        | 3816490000        | 4553000000        | 4036600000        | 7        |
| Endosulfan sulfate   | 3786900000 | 3718160000        | 3741600000        | 3667440000        | 4271990000        | 3837220000        | 6        |
| Endrin               | 4238140000 | 4109540000        | 4096430000        | 3878120000        | 4305700000        | 4125590000        | 4        |
| Endrin aldehyde      | 2964260000 | 2935670000        | 2964230000        | 2966830000        | 3488720000        | 3063940000        | 8        |
| Endrin ketone        | 4050100000 | 3970810000        | 4004900000        | 3895960000        | 4443590000        | 4073070000        | 5        |
| gamma-BHC (Lindane)  | 5900830000 | 5686510000        | 5566590000        | 5221690000        | 5532800000        | 5581680000        | 4        |
| gamma-Chlordane      | 4869330000 | 4801300000        | 4716110000        | 4508810000        | 5045020000        | 4788110000        | 4        |
| Heptachlor           | 5621840000 | 5429540000        | 5358570000        | 5116310000        | 5733550000        | 5451960000        | 4        |
| Heptachlor epoxide   | 4794850000 | 4673610000        | 4749650000        | 4554690000        | 5346870000        | 4823940000        | 6        |
| Methoxychlor         | 1926110000 | 1918890000        | 1971480000        | 1982080000        | 2304580000        | 2020630000        | 8        |
| Tetrachloro-m-xylene | 2812300000 | 2762040000        | 2767280000        | 2751820000        | 3172230000        | 2853130000        | 6        |

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Contract: NOBI03  
SDG NO.: Q2558

Calibration Date(s): 06/17/2025 06/17/2025  
Calibration Times: 15:52 16:47

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

| LAB FILE ID:         |             | CF 100 =          | <u>PD088993.D</u> | CF 075 =          | <u>PD088994.D</u> |                   |          |
|----------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|
| CF 050 =             |             | <u>PD088995.D</u> | CF 025 =          | <u>PD088996.D</u> | CF 005 =          | <u>PD088997.D</u> |          |
| COMPOUND             | CF 100      | CF 075            | CF 050            | CF 025            | CF 005            | CF                | %<br>RSD |
| 4,4'-DDD             | 17754100000 | 17899700000       | 18191100000       | 18805800000       | 22996200000       | 19129400000       | 11       |
| 4,4'-DDE             | 21343500000 | 21440200000       | 21823600000       | 22564100000       | 27409000000       | 22916100000       | 11       |
| 4,4'-DDT             | 19391000000 | 19327800000       | 19594100000       | 20005200000       | 23078500000       | 20279300000       | 8        |
| Aldrin               | 22719200000 | 22747700000       | 23159400000       | 23852800000       | 28607200000       | 24217300000       | 10       |
| alpha-BHC            | 25649000000 | 25438700000       | 25849200000       | 26153100000       | 30895500000       | 26797100000       | 9        |
| alpha-Chlordane      | 21191300000 | 21145300000       | 21570900000       | 22517200000       | 28059300000       | 22896800000       | 13       |
| beta-BHC             | 9903630000  | 9918550000        | 10198200000       | 10624100000       | 13086800000       | 10746200000       | 12       |
| Decachlorobiphenyl   | 17946500000 | 17939700000       | 18428600000       | 19427500000       | 25107500000       | 19770000000       | 15       |
| delta-BHC            | 23614400000 | 23533700000       | 23918700000       | 24298300000       | 29003000000       | 24873600000       | 9        |
| Dieldrin             | 21438700000 | 21622000000       | 22120600000       | 22941800000       | 27919200000       | 23208500000       | 12       |
| Endosulfan I         | 19170300000 | 19201000000       | 19315500000       | 20752900000       | 25772600000       | 20842500000       | 14       |
| Endosulfan II        | 18473200000 | 18573800000       | 19087100000       | 20002300000       | 24846800000       | 20196600000       | 13       |
| Endosulfan sulfate   | 17925600000 | 18043500000       | 18492500000       | 19409200000       | 24234500000       | 19621100000       | 13       |
| Endrin               | 20535400000 | 19906600000       | 20644700000       | 21276500000       | 26206500000       | 21713900000       | 12       |
| Endrin aldehyde      | 13773600000 | 13920200000       | 14379400000       | 15195500000       | 19287900000       | 15311300000       | 15       |
| Endrin ketone        | 19587400000 | 19824900000       | 20446500000       | 21535300000       | 26614600000       | 21601700000       | 13       |
| gamma-BHC (Lindane)  | 23622800000 | 23442000000       | 23749900000       | 24221500000       | 28748400000       | 24756900000       | 9        |
| gamma-Chlordane      | 22229100000 | 22022500000       | 22519500000       | 23493700000       | 29348800000       | 23922700000       | 13       |
| Heptachlor           | 23291600000 | 23365200000       | 23922200000       | 24716000000       | 29896800000       | 25038400000       | 11       |
| Heptachlor epoxide   | 20080600000 | 20251900000       | 20827300000       | 21695300000       | 26635200000       | 21898100000       | 12       |
| Methoxychlor         | 9712450000  | 9897880000        | 10259100000       | 10830900000       | 13140100000       | 10768100000       | 13       |
| Tetrachloro-m-xylene | 15879800000 | 15866400000       | 15978000000       | 16730900000       | 20310700000       | 16953200000       | 11       |