

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: NOBI03
SDG NO.: Q2638

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	% 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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Calibration Date(s): 07/07/2025 07/07/2025
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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	% 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