

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03
SDG NO.: Q2893

Calibration Date(s): 08/20/2025 08/20/2025
Calibration Times: 15:53 17:20

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

LAB FILE ID:		CF 100 =	<u>PL096924.D</u>	CF 075 =	<u>PL096925.D</u>		
CF 050 =		<u>PL096926.D</u>	CF 025 =	<u>PL096927.D</u>	CF 005 =	<u>PL096928.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3332610000	3129180000	3219430000	3125610000	2972210000	3155810000	4
4,4'-DDE	4182150000	3907480000	4010770000	3851680000	3998550000	3990130000	3
4,4'-DDT	3714230000	3475640000	3548740000	3445410000	3328150000	3502430000	4
Aldrin	5411200000	5085120000	5257030000	5106440000	5407680000	5253490000	3
alpha-BHC	6210320000	5772810000	5897600000	5587250000	5502160000	5794030000	5
alpha-Chlordane	4708460000	4481630000	4651480000	4612630000	5075270000	4705900000	5
beta-BHC	2257560000	2162040000	2280320000	2275900000	2459410000	2287050000	5
Decachlorobiphenyl	2867670000	2764750000	2907640000	2995290000	3267970000	2960670000	6
delta-BHC	4700310000	4421730000	4607000000	4406470000	4364290000	4499960000	3
Dieldrin	4723410000	4432090000	4558660000	4436010000	4554020000	4540840000	3
Endosulfan I	4341540000	4122460000	4270190000	4209370000	4540400000	4296790000	4
Endosulfan II	4049920000	3901150000	4156940000	4535340000	5381970000	4405060000	13
Endosulfan sulfate	3483770000	3294280000	3419950000	3412010000	3556750000	3433350000	3
Endrin	3938430000	3681570000	3777970000	3663830000	3662700000	3744900000	3
Endrin aldehyde	2585920000	2491210000	2611810000	2637390000	2680890000	2601450000	3
Endrin ketone	3624400000	3452680000	3565600000	3527930000	3605730000	3555270000	2
gamma-BHC (Lindane)	5774500000	5387660000	5532650000	5319570000	5294600000	5461790000	4
gamma-Chlordane	4670650000	4475670000	4598390000	4505720000	4776950000	4605480000	3
Heptachlor	5448120000	5156470000	5348530000	5219960000	5488680000	5332350000	3
Heptachlor epoxide	4669160000	4485490000	4761940000	4978030000	6834470000	5145820000	19
Methoxychlor	1765170000	1688730000	1748280000	1750260000	1725040000	1735500000	2
Tetrachloro-m-xylene	4007210000	3793130000	3960120000	3908840000	4049950000	3943850000	3

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Calibration Date(s): 08/20/2025 08/20/2025
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GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL096924.D</u>	CF 075 =	<u>PL096925.D</u>		
CF 050 =		<u>PL096926.D</u>	CF 025 =	<u>PL096927.D</u>	CF 005 =	<u>PL096928.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	5355820000	5089850000	5252820000	5170310000	5242970000	5222360000	2
4,4'-DDE	6367700000	6059520000	6233050000	6057390000	6055940000	6154720000	2
4,4'-DDT	5777110000	5455490000	5581550000	5397410000	5174720000	5477260000	4
Aldrin	7232580000	6872040000	7118130000	6919770000	7021630000	7032830000	2
alpha-BHC	8658220000	8169240000	8402300000	8028770000	7797930000	8211290000	4
alpha-Chlordane	6571460000	6279100000	6545920000	6467350000	6785000000	6529770000	3
beta-BHC	3168170000	3054780000	3220850000	3268260000	3599390000	3262290000	6
Decachlorobiphenyl	4528550000	4422370000	4675640000	4848010000	5504370000	4795790000	9
delta-BHC	7670620000	7258340000	7493510000	7192810000	7128960000	7348850000	3
Dieldrin	6693400000	6370710000	6606240000	6493020000	6601730000	6553020000	2
Endosulfan I	5980790000	5727180000	5974020000	5962950000	6311570000	5991300000	3
Endosulfan II	5688520000	5483790000	5728800000	5718350000	5974200000	5718730000	3
Endosulfan sulfate	5523780000	5322330000	5556250000	5599610000	6012830000	5602960000	5
Endrin	6022860000	5732510000	5911210000	5843740000	6025650000	5907190000	2
Endrin aldehyde	4001190000	3937120000	4222590000	4616160000	7265560000	4808520000	29
Endrin ketone	5995020000	5782210000	6065960000	6228070000	7223410000	6258930000	9
gamma-BHC (Lindane)	7559790000	7206610000	7494820000	7265600000	7305650000	7366490000	2
gamma-Chlordane	6725700000	6418680000	6669460000	6529760000	6711830000	6611090000	2
Heptachlor	7599140000	7263650000	7583050000	7449080000	7726080000	7524200000	2
Heptachlor epoxide	6303510000	6044890000	6335610000	6300380000	6640580000	6325000000	3
Methoxychlor	2939780000	2861730000	3002490000	3058630000	3136260000	2999780000	4
Tetrachloro-m-xylene	5643100000	5386240000	5642430000	5592280000	5919210000	5636650000	3