

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: FIRS02
SDG NO.: Q2814

Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:		CF 100 =	<u>PL096596.D</u>	CF 075 =	<u>PL096597.D</u>		
CF 050 =		<u>PL096598.D</u>	CF 025 =	<u>PL096599.D</u>	CF 005 =	<u>PL096600.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2615150000	2542280000	2523890000	2500980000	2459540000	2528370000	2
4,4'-DDE	3382020000	3179740000	3147240000	3113410000	3233830000	3211250000	3
4,4'-DDT	2980050000	2901890000	2884740000	2837350000	2734400000	2867690000	3
Aldrin	4418080000	4273520000	4268380000	4243090000	4301950000	4301000000	2
alpha-BHC	4873630000	4685670000	4645170000	4549100000	4378210000	4626350000	4
alpha-Chlordane	3883510000	3780330000	3801880000	3877780000	3929720000	3854650000	2
beta-BHC	1772460000	1750490000	1781040000	1856990000	1863870000	1804970000	3
Decachlorobiphenyl	2289370000	2250980000	2316430000	2450150000	2616360000	2384660000	6
delta-BHC	4161630000	4012240000	3978460000	3955030000	3841950000	3989860000	3
Dieldrin	3849470000	3737590000	3712880000	3678490000	3577310000	3711150000	3
Endosulfan I	3668500000	3524950000	3536580000	3570970000	3680850000	3596370000	2
Endosulfan II	3069420000	3008630000	3042800000	3175650000	3716720000	3202640000	9
Endosulfan sulfate	2875180000	2814890000	2851640000	2870280000	2956480000	2873690000	2
Endrin	3129990000	2990370000	2986700000	3066080000	2960790000	3026790000	2
Endrin aldehyde	2129160000	2102960000	2124970000	2164420000	2208060000	2145920000	2
Endrin ketone	3023290000	2975820000	3003920000	3029220000	3001370000	3006720000	1
gamma-BHC (Lindane)	4576650000	4410990000	4390520000	4378210000	4360850000	4423440000	2
gamma-Chlordane	3912350000	3800880000	3800750000	3806650000	3705560000	3805240000	2
Heptachlor	4215340000	4096230000	4129500000	4154230000	4183150000	4155690000	1
Heptachlor epoxide	3888140000	3791890000	3847180000	3911860000	3843640000	3856540000	1
Methoxychlor	1449590000	1444460000	1478010000	1507550000	1462160000	1468350000	2
Tetrachloro-m-xylene	3176500000	3106160000	3136600000	3226680000	3257980000	3180780000	2

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Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:		CF 100 =	<u>PL096596.D</u>	CF 075 =	<u>PL096597.D</u>		
CF 050 =		<u>PL096598.D</u>	CF 025 =	<u>PL096599.D</u>	CF 005 =	<u>PL096600.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4739770000	4648800000	4693360000	4702740000	4741750000	4705280000	1
4,4'-DDE	5653430000	5561070000	5540610000	5437860000	5379080000	5514410000	2
4,4'-DDT	5212890000	5114220000	5118490000	5045850000	4800030000	5058300000	3
Aldrin	6310530000	6202530000	6230090000	6182780000	6109380000	6207060000	1
alpha-BHC	7308810000	7159610000	7137170000	7045380000	6734230000	7077040000	3
alpha-Chlordane	5806170000	5731520000	5800200000	5896310000	6260360000	5898910000	4
beta-BHC	2740170000	2730810000	2782730000	2873420000	2977360000	2820900000	4
Decachlorobiphenyl	4108230000	4098750000	4223500000	4429960000	4831160000	4338320000	7
delta-BHC	6621180000	6509520000	6495090000	6469880000	6272460000	6473630000	2
Dieldrin	5973840000	5884270000	5897970000	5923090000	5853560000	5906550000	1
Endosulfan I	5357100000	5308830000	5362730000	5541910000	6086480000	5531410000	6
Endosulfan II	5116760000	5062950000	5122660000	5175210000	5203600000	5136240000	1
Endosulfan sulfate	5007540000	4977340000	5062730000	5135950000	5247510000	5086210000	2
Endrin	5415430000	5344790000	5376200000	5344400000	5549010000	5405970000	2
Endrin aldehyde	3589550000	3619430000	3751370000	3952130000	5791870000	4140870000	23
Endrin ketone	5489410000	5439780000	5529300000	5876580000	5513690000	5569750000	3
gamma-BHC (Lindane)	6730030000	6610730000	6634310000	6589530000	6452200000	6603360000	2
gamma-Chlordane	5958660000	5857990000	5898300000	5915340000	5770280000	5880110000	1
Heptachlor	6694450000	6605950000	6658580000	6695280000	6655490000	6661950000	1
Heptachlor epoxide	5706360000	5635230000	5698940000	5730960000	5785230000	5711340000	1
Methoxychlor	2677460000	2673930000	2731560000	2788840000	2830690000	2740500000	3
Tetrachloro-m-xylene	4740810000	4674260000	4731000000	4815490000	4927290000	4777770000	2