

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3321

Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID:		CF 100 =	<u>PL097526.D</u>	CF 075 =	<u>PL097527.D</u>		
CF 050 =		<u>PL097528.D</u>	CF 025 =	<u>PL097529.D</u>	CF 005 =	<u>PL097530.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3783520000	3735790000	3836440000	3741690000	3770050000	3773500000	1
4,4'-DDE	4769720000	4759010000	4659840000	4581780000	4515640000	4657200000	2
4,4'-DDT	4158660000	4086470000	4066920000	4052430000	3909040000	4054710000	2
Aldrin	6100180000	6021960000	5978240000	6004420000	5958610000	6012680000	1
alpha-BHC	7057770000	6888230000	6778270000	6677840000	6326260000	6745680000	4
alpha-Chlordane	5353290000	5303430000	5334480000	5467810000	5673330000	5426470000	3
beta-BHC	2559030000	2540680000	2560440000	2620670000	2646530000	2585470000	2
Decachlorobiphenyl	2806950000	2848090000	2915160000	3035350000	3262730000	2973660000	6
delta-BHC	6161670000	6066620000	6020720000	6020370000	6093700000	6072620000	1
Dieldrin	5325080000	5250780000	5231620000	5259220000	5235730000	5260490000	1
Endosulfan I	4917900000	4878480000	4901240000	5022330000	5137180000	4971420000	2
Endosulfan II	4422070000	4556670000	4577300000	4802660000	6101860000	4892110000	14
Endosulfan sulfate	3911300000	3900330000	3938060000	4073730000	4226080000	4009900000	3
Endrin	4509120000	4507230000	4463320000	4443310000	4448560000	4474310000	1
Endrin aldehyde	3165060000	3153360000	3209030000	3315700000	3540440000	3276720000	5
Endrin ketone	4226710000	4197910000	4228440000	4385050000	4370480000	4281720000	2
gamma-BHC (Lindane)	6564350000	6445110000	6376450000	6329620000	6065990000	6356310000	3
gamma-Chlordane	5429110000	5433580000	5370180000	5512260000	5391960000	5427420000	1
Heptachlor	6459360000	6362530000	6415150000	6555100000	6461320000	6450690000	1
Heptachlor epoxide	5410720000	5607600000	5590350000	5882200000	6620370000	5822250000	8
Methoxychlor	1993250000	2095700000	2001910000	2102020000	2252130000	2089000000	5
Tetrachloro-m-xylene	4057850000	4039070000	4058380000	4076200000	4152120000	4076720000	1

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Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID:		CF 100 =	<u>PL097526.D</u>	CF 075 =	<u>PL097527.D</u>		
CF 050 =		<u>PL097528.D</u>	CF 025 =	<u>PL097529.D</u>	CF 005 =	<u>PL097530.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6363530000	6423620000	6340540000	6352240000	6414460000	6378880000	1
4,4'-DDE	7768680000	7645780000	7550200000	7588550000	7409020000	7592450000	2
4,4'-DDT	6841050000	6803500000	6637840000	6652330000	6382250000	6663390000	3
Aldrin	8766150000	8705210000	8635070000	8657680000	8595010000	8671830000	1
alpha-BHC	10279400000	10079800000	9958260000	9819180000	9198160000	9866970000	4
alpha-Chlordane	8144420000	8211300000	8127490000	8435120000	8717860000	8327240000	3
beta-BHC	3856560000	3825760000	3870120000	4044470000	4293830000	3978150000	5
Decachlorobiphenyl	4790770000	4878130000	4964040000	5287180000	6025240000	5189070000	10
delta-BHC	9345060000	9200770000	9073180000	9002200000	8548720000	9033990000	3
Dieldrin	8065300000	8399370000	8165250000	8096170000	8615460000	8268310000	3
Endosulfan I	7264600000	6965080000	7193960000	7596220000	7851830000	7374340000	5
Endosulfan II	6727550000	6799990000	6773690000	7041530000	7182230000	6905000000	3
Endosulfan sulfate	6373610000	6493820000	6492610000	6787240000	7141880000	6657830000	5
Endrin	7139620000	7398350000	7208020000	7256580000	8004750000	7401460000	5
Endrin aldehyde	5031190000	5120350000	5235930000	5694060000	7710960000	5758500000	19
Endrin ketone	7064800000	8038380000	7654960000	7625480000	9115720000	7899870000	10
gamma-BHC (Lindane)	9445390000	9303450000	9218050000	9168550000	8800820000	9187250000	3
gamma-Chlordane	8467390000	8545470000	8460560000	8844200000	9148230000	8693170000	3
Heptachlor	9131850000	9119150000	9130340000	9236480000	9343400000	9192240000	1
Heptachlor epoxide	7728450000	7679940000	7764190000	7977750000	8339470000	7897960000	3
Methoxychlor	3422660000	3497520000	3535950000	3751710000	4018250000	3645220000	7
Tetrachloro-m-xylene	6022720000	5973970000	5995720000	6061780000	6377890000	6086420000	3