

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1936 **SAS No.:** Q1936 **SDG NO.:** Q1936

Instrument ID: ECD_L **Calibration Date(s):** 04/23/2025 04/23/2025
Calibration Times: 11:31 12:26

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

LAB FILE ID:		CF 100 = <u>PL095329.D</u>		CF 075 = <u>PL095330.D</u>			
CF 050 = <u>PL095331.D</u>		CF 025 = <u>PL095332.D</u>		CF 005 = <u>PL095333.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2865080000	2820110000	2707400000	2820390000	2941790000	2830960000	3
4,4'-DDE	3926930000	3864370000	3733720000	3923550000	4154180000	3920550000	4
4,4'-DDT	2903290000	2865670000	2760290000	2861180000	2852460000	2848580000	2
Aldrin	4647840000	4586260000	4401320000	4541780000	4787920000	4593020000	3
alpha-BHC	5150700000	5065320000	4774330000	4852360000	4926030000	4953750000	3
alpha-Chlordane	4076760000	4030350000	3886010000	4083630000	4253720000	4066090000	3
beta-BHC	2022450000	2016400000	1965250000	2085680000	2247800000	2067520000	5
Decachlorobiphenyl	2647270000	2643130000	2643240000	2821430000	3098960000	2770810000	7
delta-BHC	4738070000	4633190000	4424190000	4566110000	4891850000	4650680000	4
Dieldrin	3906950000	3842890000	3678670000	3851250000	3994310000	3854810000	3
Endosulfan I	3770440000	3742230000	3626630000	3786630000	4061610000	3797510000	4
Endosulfan II	3128440000	3103520000	3002730000	3212680000	3513410000	3192160000	6
Endosulfan sulfate	2745420000	2730650000	2668320000	2842960000	3021620000	2801790000	5
Endrin	3180610000	3135010000	3029370000	3189370000	3389380000	3184750000	4
Endrin aldehyde	2276780000	2261540000	2217540000	2374650000	2473490000	2320800000	4
Endrin ketone	2808150000	2785670000	2719210000	2881190000	3060160000	2850880000	5
gamma-BHC (Lindane)	4856470000	4786000000	4549760000	4668080000	4809580000	4733980000	3
gamma-Chlordane	4124190000	4059250000	3905550000	4078750000	4229020000	4079350000	3
Heptachlor	4568820000	4531980000	4377790000	4575770000	4817970000	4574470000	3
Heptachlor epoxide	3988500000	3934340000	3801190000	4031630000	4270090000	4005150000	4
Methoxychlor	1352180000	1349600000	1330140000	1425930000	1517800000	1395130000	6
Tetrachloro-m-xylene	3234910000	3230840000	3121140000	3291160000	3445310000	3264670000	4

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Instrument ID: ECD_L **Calibration Date(s):** 04/23/2025 04/23/2025
Calibration Times: 11:31 12:26

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

LAB FILE ID:		CF 100 = <u>PL095329.D</u>		CF 075 = <u>PL095330.D</u>			
CF 050 = <u>PL095331.D</u>		CF 025 = <u>PL095332.D</u>		CF 005 = <u>PL095333.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3451170000	3194300000	3089420000	3267920000	3331160000	3266790000	4
4,4'-DDE	4259410000	3966100000	3865330000	4094560000	4149440000	4066970000	4
4,4'-DDT	3670140000	3377430000	3277310000	3441260000	3414750000	3436180000	4
Aldrin	4336230000	4110670000	3932000000	4090330000	4109170000	4115680000	4
alpha-BHC	4736540000	4516850000	4297240000	4349260000	4343700000	4448720000	4
alpha-Chlordane	4133620000	3862560000	3765120000	4001070000	4142940000	3981060000	4
beta-BHC	2067890000	1993150000	1943400000	2123640000	2251240000	2075870000	6
Decachlorobiphenyl	3012930000	2805190000	2819260000	3040170000	3118780000	2959270000	5
delta-BHC	4648560000	4403980000	4210640000	4308090000	4338550000	4381960000	4
Dieldrin	4236430000	3965120000	3821410000	4048720000	4263750000	4067090000	5
Endosulfan I	3807730000	3560790000	3497100000	3705930000	3730570000	3660420000	3
Endosulfan II	3698040000	3467810000	3383890000	3618180000	3787600000	3591100000	5
Endosulfan sulfate	3392490000	3183240000	3137080000	3349770000	3527070000	3317930000	5
Endrin	3800710000	3545950000	3460240000	3666780000	3729930000	3640720000	4
Endrin aldehyde	2674690000	2521940000	2472880000	2646040000	2750240000	2613160000	4
Endrin ketone	3628850000	3413660000	3354790000	3555450000	3653710000	3521290000	4
gamma-BHC (Lindane)	4631690000	4416100000	4228420000	4346320000	4368600000	4398230000	3
gamma-Chlordane	4227760000	3927530000	3820020000	4050010000	4238020000	4052670000	5
Heptachlor	4496590000	4284140000	4154420000	4363150000	4485210000	4356700000	3
Heptachlor epoxide	3969410000	3758210000	3669420000	3887920000	4028340000	3862660000	4
Methoxychlor	1917900000	1805540000	1811740000	1949450000	2052510000	1907430000	5
Tetrachloro-m-xylene	3206620000	3119570000	3030900000	3186820000	3354850000	3179750000	4