

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1168 **SAS No.:** Q1168 **SDG NO.:** Q1168

Instrument ID: ECD_D **Calibration Date(s):** 01/22/2025 01/22/2025
Calibration Times: 11:51 12:47

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

LAB FILE ID:		CF 100 = <u>PD087497.D</u>		CF 075 = <u>PD087498.D</u>			
CF 050 = <u>PD087499.D</u>		CF 025 = <u>PD087500.D</u>		CF 005 = <u>PD087501.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2438630000	2415270000	2386960000	2345210000	2447880000	2406790000	2
4,4'-DDE	3103450000	3061500000	2993140000	2922560000	3006800000	3017490000	2
4,4'-DDT	2612670000	2585840000	2561080000	2521720000	2596850000	2575630000	1
Aldrin	3904210000	3850090000	3790530000	3704040000	3889500000	3827670000	2
alpha-BHC	4309150000	4185290000	4036820000	3807920000	3782490000	4024330000	6
alpha-Chlordane	3305520000	3278330000	3258570000	3261910000	3550920000	3331050000	4
beta-BHC	1478890000	1488620000	1511540000	1579480000	1834780000	1578660000	9
Decachlorobiphenyl	2711750000	2786950000	2909220000	3109030000	3733030000	3050000000	13
delta-BHC	4264510000	4155470000	4025890000	3836250000	3886110000	4033650000	4
Dieldrin	3421650000	3377690000	3332950000	3282490000	3470800000	3377120000	2
Endosulfan I	3106050000	3089480000	3077940000	3095860000	3380640000	3149990000	4
Endosulfan II	2790420000	2792870000	2787140000	2806130000	3178550000	2871020000	6
Endosulfan sulfate	2661380000	2663250000	2673740000	2716770000	2993100000	2741650000	5
Endrin	2923690000	2892620000	2851800000	2816600000	3005150000	2897970000	3
Endrin aldehyde	2207970000	2221630000	2242320000	2307010000	2604080000	2316600000	7
Endrin ketone	2993810000	2992990000	3003230000	3043320000	3341520000	3074970000	5
gamma-BHC (Lindane)	4167360000	4067250000	3964240000	3805420000	3893420000	3979540000	4
gamma-Chlordane	3331400000	3295630000	3249570000	3209120000	3439660000	3305070000	3
Heptachlor	3785410000	3732460000	3676660000	3607920000	3836720000	3727830000	2
Heptachlor epoxide	3408380000	3372940000	3348270000	3332400000	3625890000	3417580000	4
Methoxychlor	1364930000	1388290000	1426960000	1486130000	1672910000	1467840000	8
Tetrachloro-m-xylene	1905970000	1903960000	1915140000	1968630000	2268010000	1992340000	8

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Instrument ID: ECD_D **Calibration Date(s):** 01/22/2025 01/22/2025
Calibration Times: 11:51 12:47

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

LAB FILE ID:		CF 100 =	<u>PD087497.D</u>	CF 075 =	<u>PD087498.D</u>		
CF 050 =		<u>PD087499.D</u>	CF 025 =	<u>PD087500.D</u>	CF 005 =	<u>PD087501.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	11804800000	12161100000	12671100000	13478800000	15994300000	13222000000	13
4,4'-DDE	14120300000	14543500000	15088200000	15996200000	18922300000	15734100000	12
4,4'-DDT	12374000000	12722100000	13141800000	13764700000	15300100000	13460500000	9
Aldrin	15749900000	16169800000	16780200000	17830000000	20830800000	17472100000	12
alpha-BHC	17439100000	17633500000	17983800000	18761400000	21641100000	18691800000	9
alpha-Chlordane	14192300000	14591700000	15139100000	16208000000	19639600000	15954100000	14
beta-BHC	6718840000	6912580000	7195690000	7758370000	9549110000	7626920000	15
Decachlorobiphenyl	12242400000	12635900000	13223300000	14458100000	18101500000	14132300000	17
delta-BHC	16655900000	16916800000	17320500000	18172500000	21415900000	18096300000	11
Dieldrin	14629100000	15067400000	15612600000	16572700000	19573300000	16291000000	12
Endosulfan I	13100700000	13537600000	14161800000	15223500000	18496300000	14904000000	15
Endosulfan II	12601600000	13023000000	13558900000	14566500000	17627400000	14275500000	14
Endosulfan sulfate	12455300000	12903500000	13458900000	14520900000	17751000000	14217900000	15
Endrin	13103800000	13534500000	14133300000	15228700000	18467600000	14893600000	14
Endrin aldehyde	10112000000	10510500000	11002200000	11982200000	14680300000	11657400000	16
Endrin ketone	13660800000	14161700000	14829400000	15981100000	19385600000	15603700000	15
gamma-BHC (Lindane)	16348400000	16626400000	16985100000	17835500000	20978100000	17754700000	11
gamma-Chlordane	14620900000	15008500000	15511100000	16518400000	19664800000	16264700000	12
Heptachlor	15494600000	15913000000	16514400000	17595000000	21104400000	17324300000	13
Heptachlor epoxide	14016800000	14457100000	15038600000	16100000000	19353900000	15793300000	14
Methoxychlor	6605900000	6911090000	7302730000	7943930000	9448590000	7642450000	15
Tetrachloro-m-xylene	10802000000	11025200000	11382800000	12165200000	14759000000	12026800000	13