

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259 SDG NO.: Q2259

Instrument ID: ECD_D Calibration Date(s): 05/19/2025 05/19/2025
Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 =	<u>PD088586.D</u>	CF 075 =	<u>PD088587.D</u>		
CF 050 =		<u>PD088588.D</u>	CF 025 =	<u>PD088589.D</u>	CF 005 =	<u>PD088590.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2914090000	2799000000	2779180000	2710870000	2722370000	2785100000	3
4,4'-DDE	3774980000	3611130000	3587930000	3472130000	3500730000	3589380000	3
4,4'-DDT	3259380000	3125810000	3123770000	3049470000	3051770000	3122040000	3
Aldrin	4596320000	4382320000	4371060000	4250500000	4372370000	4394520000	3
alpha-BHC	5243840000	4927900000	4847290000	4558490000	4305310000	4776570000	8
alpha-Chlordane	4076620000	3927960000	3953820000	3921900000	4151070000	4006270000	3
beta-BHC	1766090000	1717900000	1760360000	1812740000	1958690000	1803160000	5
Decachlorobiphenyl	3171750000	3154190000	3328750000	3504210000	3952750000	3422330000	10
delta-BHC	4581340000	4301280000	4227770000	4018060000	4002280000	4226150000	6
Dieldrin	4168640000	3995190000	3987890000	3911690000	3995230000	4011730000	2
Endosulfan I	3801350000	3677400000	3708760000	3706130000	3920970000	3762920000	3
Endosulfan II	3424800000	3321140000	3361490000	3381320000	3729210000	3443590000	5
Endosulfan sulfate	3185730000	3096410000	3144570000	3175940000	3412700000	3203070000	4
Endrin	3544350000	3400630000	3391880000	3322590000	3416420000	3415180000	2
Endrin aldehyde	2503120000	2458460000	2511530000	2573510000	2826400000	2574600000	6
Endrin ketone	3433620000	3341030000	3388420000	3397950000	3554790000	3423160000	2
gamma-BHC (Lindane)	4951240000	4675430000	4617130000	4438320000	4331460000	4602720000	5
gamma-Chlordane	4124290000	3949610000	3951400000	3878720000	4040730000	3988950000	2
Heptachlor	4681230000	4453430000	4445350000	4335710000	4440380000	4471220000	3
Heptachlor epoxide	4018350000	3865780000	3896760000	3892850000	4172720000	3969290000	3
Methoxychlor	1605530000	1584480000	1642420000	1697880000	1822460000	1670550000	6
Tetrachloro-m-xylene	2149340000	2072320000	2122010000	2161140000	2313950000	2163750000	4

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Lab Code: CHEM **Case No.:** Q2259 **SAS No.:** Q2259 **SDG NO.:** Q2259

Instrument ID: ECD_D **Calibration Date(s):** 05/19/2025 05/19/2025
Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 = <u>PD088586.D</u>		CF 075 = <u>PD088587.D</u>			
CF 050 = <u>PD088588.D</u>		CF 025 = <u>PD088589.D</u>		CF 005 = <u>PD088590.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	16063600000	16170400000	16726900000	17873500000	20127100000	17392300000	10
4,4'-DDE	19308600000	19422500000	20046800000	21437600000	24298000000	20902700000	10
4,4'-DDT	17279500000	17314500000	17782900000	18728300000	19581500000	18137300000	6
Aldrin	20429300000	20424000000	21187100000	22461000000	25147900000	21929900000	9
alpha-BHC	22814100000	22470400000	23262900000	24245000000	26726300000	23903700000	7
alpha-Chlordane	19049500000	19079200000	19770800000	21135500000	24089000000	20624800000	10
beta-BHC	8864520000	8872030000	9302460000	10011600000	11658900000	9741890000	12
Decachlorobiphenyl	16504300000	16618500000	17317300000	18707400000	22133900000	18256300000	13
delta-BHC	21126000000	20875000000	21573100000	22598000000	25298500000	22294100000	8
Dieldrin	19383000000	19454300000	20211700000	21634500000	24536100000	21043900000	10
Endosulfan I	17297300000	17455200000	18206500000	19567700000	22365500000	18978400000	11
Endosulfan II	16670500000	16849700000	17581300000	18878300000	21629100000	18321800000	11
Endosulfan sulfate	16098100000	16280100000	16999000000	18309500000	21092700000	17755900000	12
Endrin	17557800000	17708400000	18459500000	19851800000	22842600000	19284000000	11
Endrin aldehyde	12431500000	12681500000	13251800000	14445500000	16833500000	13928800000	13
Endrin ketone	17469300000	17778800000	18605700000	20062800000	22820400000	19347400000	11
gamma-BHC (Lindane)	21035300000	20781600000	21450400000	22534500000	25026800000	22165700000	8
gamma-Chlordane	19824600000	19800200000	20463700000	21793000000	24778500000	21332000000	10
Heptachlor	20762900000	20801500000	21647900000	23011300000	26050900000	22454900000	10
Heptachlor epoxide	18126800000	18251100000	19076900000	20442600000	23459100000	19871300000	11
Methoxychlor	8571980000	8801040000	9285240000	10058400000	11157300000	9574790000	11
Tetrachloro-m-xylene	14104900000	13970700000	14552300000	15457700000	17548700000	15126900000	10