

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001

Instrument ID: ECD_L **Calibration Date(s):** 05/13/2025 05/13/2025
Calibration Times: 12:24 13:18

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

LAB FILE ID:		CF 100 =	PL095633.D	CF 075 =	PL095634.D			
CF 050 =		PL095635.D	CF 025 =	PL095636.D	CF 005 =	PL095637.D		
COMPOUND		CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl		3263100000	3164230000	3439620000	3398370000	3696830000	3392430000	6
Endrin		3792380000	3634820000	3919500000	3690050000	4116120000	3830580000	5
gamma-BHC (Lindane)		5512790000	5311740000	5711440000	5395610000	5898760000	5566070000	4
Heptachlor		5306840000	5122860000	5549490000	5305820000	5944320000	5445870000	6
Heptachlor epoxide		4810960000	4767000000	5056910000	4962340000	6312460000	5181930000	12
Methoxychlor		1693500000	1596670000	1725250000	1635470000	1779310000	1686040000	4
Tetrachloro-m-xylene		3874020000	3805730000	4141150000	4025270000	4583870000	4086010000	8
Chlordane-1	(1)	263758000	223144000	221946000	219742000	234758000	232670000	8
Chlordane-2	(2)	274411000	264053000	241787000	338737000	260245000	275847000	13
Chlordane-3	(3)	1098130000	919233000	928195000	920352000	976979000	968578000	8
Chlordane-4	(4)	1304660000	1097040000	1114980000	1121100000	1166080000	1160770000	7
Chlordane-5	(5)	208595000	178037000	182317000	180692000	198490000	189626000	7
Decachlorobiphenyl		333185000	302211000	315043000	324986000	364038000	327893000	7
Tetrachloro-m-xylene		440880000	374351000	373001000	371569000	404431000	392847000	8

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

LAB FILE ID:		CF 100 =	<u>PL095633.D</u>	CF 075 =	<u>PL095634.D</u>			
CF 050 =		<u>PL095635.D</u>	CF 025 =	<u>PL095636.D</u>	CF 005 =	<u>PL095637.D</u>		
COMPOUND		CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl		3838730000	3743820000	4090550000	4160220000	4790320000	4124730000	10
Endrin		4974420000	4892430000	5310370000	5281210000	6179910000	5327670000	10
gamma-BHC (Lindane)		6348730000	6261060000	6803400000	6748260000	7601600000	6752610000	8
Heptachlor		5991450000	5920390000	6520000000	6520200000	7665110000	6523430000	11
Heptachlor epoxide		5269490000	5234320000	5741580000	5826880000	6824740000	5779400000	11
Methoxychlor		2549470000	2493040000	2684780000	2711850000	3089990000	2705830000	9
Tetrachloro-m-xylene		4257870000	4245440000	4674780000	4699500000	5542730000	4684060000	11
Chlordane-1	(1)	255044000	220347000	224960000	233201000	269769000	240664000	9
Chlordane-2	(2)	268460000	234178000	244067000	271384000	312580000	266134000	11
Chlordane-3	(3)	803858000	708046000	712303000	813924000	831695000	773965000	8
Chlordane-4	(4)	674082000	599830000	598389000	633362000	731050000	647343000	9
Chlordane-5	(5)	301995000	259560000	270374000	277243000	326962000	287227000	9
Decachlorobiphenyl		401599000	365757000	388315000	412891000	489399000	411592000	11
Tetrachloro-m-xylene		629800000	543963000	545208000	548541000	625323000	578567000	8