

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 18:27

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

LAB FILE ID:		CF 1000 =	PO113720.D	CF 750 =	PO113721.D			
CF 500 =		PO113722.D	CF 250 =	PO113723.D	CF 050 =	PO113724.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760	8
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308	8
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779	12
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491	8
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682	6
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657	8
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631	8
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793	15
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971	10
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071	3
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302	6
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485	4
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796	10
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401	9
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415	9
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682	18
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736	5
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793	10
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 18:27

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

LAB FILE ID:		CF 1000 =	PO113720.D	CF 750 =	PO113721.D			
CF 500 =		PO113722.D	CF 250 =	PO113723.D	CF 050 =	PO113724.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	182241495	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	276845362	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	149343652	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	120709326	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	150066119	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	251289470	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	330608015	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	280357350	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	191211231	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	425679142	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	2087750757	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	5341014457	6
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	302397971	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	264079091	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	387317649	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	237392177	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	306972105	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	2058156851	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	4934933179	9