

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: NOBI03
SDG NO.: Q2638

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:		CF 1000 = <u>PP073554.D</u>		CF 750 = <u>PP073555.D</u>			
CF 500 = <u>PP073556.D</u>		CF 250 = <u>PP073557.D</u>		CF 050 = <u>PP073558.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182
Aroclor-1248-1	(1)	29290065	30340729	31459936	34321104	28940820	30870531
Aroclor-1248-2	(2)	37625323	39736876	40535254	44074952	37644360	39923353
Aroclor-1248-3	(3)	43927993	45846956	46075290	48569104	37628800	44409629
Aroclor-1248-4	(4)	53376796	55925132	57147446	59774616	49178580	55080514
Aroclor-1248-5	(5)	51803368	53704276	55758942	57942584	49744040	53790642
Decachlorobiphenyl		1098016930	1133084880	1145143920	1172914800	889666400	1087765386
Tetrachloro-m-xylene		1321954420	1371326347	1415433040	1456874560	1240770200	1361271713
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003
Aroclor-1268-1	(1)	220572869	225132533	228083942	237689468	204639620	223223686

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Aroclor-1268-2	(2)	188785361	192061012	194228718	202923360	174527620	190505214	5
Aroclor-1268-3	(3)	161320167	164379476	166708106	175220108	160250740	165575719	4
Aroclor-1268-4	(4)	68937885	69804631	69558114	75087068	64331720	69543884	5
Aroclor-1268-5	(5)	477643268	472782711	485154758	497337016	371889540	460961459	11
Decachlorobiphenyl		1977874930	2021254947	2057047680	2189262080	1794844800	2008056887	7
Tetrachloro-m-xylene		1351774000	1390310400	1415817780	1495349000	1314096000	1393469436	5

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Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:		CF 1000 = <u>PP073554.D</u>		CF 750 = <u>PP073555.D</u>			
CF 500 = <u>PP073556.D</u>		CF 250 = <u>PP073557.D</u>		CF 050 = <u>PP073558.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	6
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	6
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	7
Aroclor-1248-1	(1)	41993150	43590469	45185544	49843992	43861300	7
Aroclor-1248-2	(2)	55737799	58586344	61889020	66706936	64762540	7
Aroclor-1248-3	(3)	58429721	61323012	64407590	69469512	66692820	7
Aroclor-1248-4	(4)	68661033	72026459	75308372	81734520	79156680	7
Aroclor-1248-5	(5)	69725277	73210425	76423314	81696724	71898780	6
Decachlorobiphenyl		1298382400	1392805453	1360355620	1440840840	1158845800	8
Tetrachloro-m-xylene		1855486030	1865559853	1910416600	1967065360	1674658000	6
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	10
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	6
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	6
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	3
Aroclor-1268-1	(1)	290584667	307587391	307795276	323603296	307313580	4

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Aroclor-1268-2	(2)	254148086	267727805	267575410	282961968	256026000	265687854	4
Aroclor-1268-3	(3)	211648098	225837245	227309934	242217372	220889640	225580458	5
Aroclor-1268-4	(4)	89640321	95098047	95218176	99881904	85000720	92967834	6
Aroclor-1268-5	(5)	595257746	637650785	622434144	650778188	576631820	616550537	5
Decachlorobiphenyl		2396229270	2556860227	2535017940	2683507840	2355689000	2505460855	5
Tetrachloro-m-xylene		1866286350	1953909840	1937791560	2021719520	1790813600	1914104174	5