

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Lab Name:** Alliance  
**Lab Code:** ACE  
**Instrument ID:** ECD\_P

**Contract:** ENVI60  
**SDG NO.:** Q2594

**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 |

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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     |