

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: ENTA05  
SDG NO.: Q2579

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

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**Lab Name:** Alliance  
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**Contract:** ENTA05  
**SDG NO.:** Q2579

**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 =            |     | PP073554.D |            | CF 750 =   |            | PP073555.D |            |                     |  |
| CF 500 =             |     | PP073556.D |            | CF 250 =   |            | PP073557.D |            | CF 050 = PP073558.D |  |
| COMPOUND             |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | CF         | % RSD               |  |
| Aroclor-1016-1       | (1) | 63548895   | 66956692   | 68520980   | 73175628   | 68671440   | 68174727   | 5                   |  |
| Aroclor-1016-2       | (2) | 95987811   | 99810097   | 102589296  | 109872788  | 101161940  | 101884386  | 5                   |  |
| Aroclor-1016-3       | (3) | 50406684   | 53112144   | 54849034   | 57930668   | 54233060   | 54106318   | 5                   |  |
| Aroclor-1016-4       | (4) | 39688708   | 42104989   | 43896956   | 47040184   | 46673360   | 43880839   | 7                   |  |
| Aroclor-1016-5       | (5) | 50298801   | 53487816   | 55660288   | 59272232   | 54193420   | 54582511   | 6                   |  |
| Aroclor-1260-1       | (1) | 89335231   | 94510516   | 99471332   | 104207304  | 100277120  | 97560301   | 6                   |  |
| Aroclor-1260-2       | (2) | 113000947  | 118559808  | 124003550  | 129850992  | 128772620  | 122837583  | 6                   |  |
| Aroclor-1260-3       | (3) | 102918015  | 108414332  | 112293296  | 117668340  | 106025080  | 109463813  | 5                   |  |
| Aroclor-1260-4       | (4) | 82942909   | 90440599   | 92349274   | 96325208   | 84984160   | 89408430   | 6                   |  |
| Aroclor-1260-5       | (5) | 218347404  | 234684793  | 232225124  | 233707816  | 204717920  | 224736611  | 6                   |  |
| Decachlorobiphenyl   |     | 1288482360 | 1338938240 | 1324505420 | 1466524480 | 1197294400 | 1323148980 | 7                   |  |
| Tetrachloro-m-xylene |     | 1774031450 | 1893159427 | 1873404460 | 1944042160 | 1726825000 | 1842292499 | 5                   |  |
| Aroclor-1242-1       | (1) | 53636877   | 56644489   | 60339480   | 62120840   | 56082120   | 57764761   | 6                   |  |
| Aroclor-1242-2       | (2) | 81745742   | 82323689   | 88927402   | 91756504   | 87517600   | 86454187   | 5                   |  |
| Aroclor-1242-3       | (3) | 43191003   | 44194741   | 47579930   | 48843488   | 45924140   | 45946660   | 5                   |  |
| Aroclor-1242-4       | (4) | 40719317   | 41867060   | 45117014   | 46860680   | 46752460   | 44263306   | 6                   |  |
| Aroclor-1242-5       | (5) | 53173633   | 53609452   | 57067394   | 58584716   | 53777140   | 55242467   | 4                   |  |
| Decachlorobiphenyl   |     | 1306642480 | 1369985587 | 1353011840 | 1407476720 | 1194819200 | 1326387165 | 6                   |  |
| Tetrachloro-m-xylene |     | 1787240920 | 1786937067 | 1893455580 | 1997751320 | 1666197200 | 1826316417 | 7                   |  |
| Aroclor-1254-1       | (1) | 105364555  | 111697468  | 112323806  | 121711620  | 129052960  | 116030082  | 8                   |  |
| Aroclor-1254-2       | (2) | 90612135   | 96205700   | 96079760   | 105129084  | 115091100  | 100623556  | 10                  |  |
| Aroclor-1254-3       | (3) | 142515413  | 152219476  | 152099148  | 162118636  | 163279600  | 154446455  | 6                   |  |
| Aroclor-1254-4       | (4) | 86996505   | 93901768   | 94351020   | 100389560  | 97157080   | 94559187   | 5                   |  |
| Aroclor-1254-5       | (5) | 123596587  | 131044949  | 130737444  | 141046724  | 140798600  | 133444861  | 6                   |  |
| Decachlorobiphenyl   |     | 1348192280 | 1398430560 | 1372338640 | 1507697520 | 1377457800 | 1400823360 | 4                   |  |
| Tetrachloro-m-xylene |     | 1809940380 | 1949806187 | 1892015400 | 1932532480 | 1944382600 | 1905735409 | 3                   |  |
| Aroclor-1268-1       | (1) | 290584667  | 307587391  | 307795276  | 323603296  | 307313580  | 307376842  | 4                   |  |
| 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                   |  |