

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** ENTA05

**Lab Code:** CHEM **Case No.:** Q1929 **SAS No.:** Q1929 **SDG NO.:** Q1929

**Instrument ID:** ECD\_P **Calibration Date(s):** 04/22/2025 04/22/2025  
**Calibration Times:** 10:29 17:49

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

| LAB FILE ID:               |     | CF 1000 = <u>PP071389.D</u> |            | CF 750 = <u>PP071390.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP071391.D</u> |     | CF 250 = <u>PP071392.D</u>  |            | CF 050 = <u>PP071393.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 64709894                    | 67652695   | 70083532                   | 71128656   | 61674340   | 67049823   |
| Aroclor-1016-2             | (2) | 98977911                    | 102364897  | 107369074                  | 108813892  | 95615840   | 102628323  |
| Aroclor-1016-3             | (3) | 59905708                    | 62127143   | 64296308                   | 65849928   | 56056440   | 61647105   |
| Aroclor-1016-4             | (4) | 50563747                    | 52419789   | 53619076                   | 54941428   | 44946700   | 51298148   |
| Aroclor-1016-5             | (5) | 47772963                    | 49344036   | 50670668                   | 50888564   | 42515680   | 48238382   |
| Aroclor-1260-1             | (1) | 90879847                    | 94857525   | 98814986                   | 99659744   | 95910940   | 96024608   |
| Aroclor-1260-2             | (2) | 137163459                   | 142386411  | 147498372                  | 149887700  | 138450980  | 143077384  |
| Aroclor-1260-3             | (3) | 110350751                   | 114445481  | 117702804                  | 126515524  | 91505860   | 112104084  |
| Aroclor-1260-4             | (4) | 105570732                   | 110780085  | 111211068                  | 131260612  | 105501660  | 112864831  |
| Aroclor-1260-5             | (5) | 220536830                   | 229070229  | 228919678                  | 255108180  | 199231240  | 226573231  |
| Decachlorobiphenyl         |     | 1409816860                  | 1467002307 | 1522583160                 | 1539948480 | 1300700600 | 1448010281 |
| Tetrachloro-m-xylene       |     | 1947183160                  | 2005072840 | 2066603680                 | 2100352680 | 1793966200 | 1982635712 |
| Aroclor-1242-1             | (1) | 53870259                    | 55684409   | 58494980                   | 58676784   | 47130380   | 54771362   |
| Aroclor-1242-2             | (2) | 81881116                    | 85641493   | 90236470                   | 89744200   | 77399340   | 84980524   |
| Aroclor-1242-3             | (3) | 49423643                    | 51294363   | 53309060                   | 53836868   | 47752740   | 51123335   |
| Aroclor-1242-4             | (4) | 41638031                    | 42855355   | 45034468                   | 44656444   | 36858500   | 42208560   |
| Aroclor-1242-5             | (5) | 44955701                    | 46392219   | 48330700                   | 47956460   | 43817460   | 46290508   |
| Decachlorobiphenyl         |     | 1368547670                  | 1421241013 | 1488838040                 | 1503303480 | 1179092600 | 1392204561 |
| Tetrachloro-m-xylene       |     | 1868945350                  | 1926494133 | 2017272340                 | 2030390160 | 1613146400 | 1891249677 |
| Aroclor-1248-1             | (1) | 42447397                    | 43370463   | 44490672                   | 45736348   | 38649560   | 42938888   |
| Aroclor-1248-2             | (2) | 57932834                    | 60215229   | 62023042                   | 63285912   | 58705480   | 60432499   |
| Aroclor-1248-3             | (3) | 65030901                    | 68053485   | 69372090                   | 70318056   | 61147600   | 66784426   |
| Aroclor-1248-4             | (4) | 80777360                    | 84441085   | 86910244                   | 89142916   | 81782860   | 84610893   |
| Aroclor-1248-5             | (5) | 76029464                    | 78502729   | 80776474                   | 83552224   | 78380620   | 79448302   |
| Decachlorobiphenyl         |     | 1379130770                  | 1440268240 | 1485619680                 | 1521197800 | 1358343200 | 1436911938 |
| Tetrachloro-m-xylene       |     | 1879191440                  | 1925518227 | 1989640420                 | 2037603040 | 1811949400 | 1928780505 |
| Aroclor-1254-1             | (1) | 78574372                    | 81246615   | 85577334                   | 88598188   | 75759400   | 81951182   |
| Aroclor-1254-2             | (2) | 121624435                   | 125816099  | 132146328                  | 137115708  | 118678260  | 127076166  |
| Aroclor-1254-3             | (3) | 123432630                   | 127799839  | 132981654                  | 137623252  | 117036460  | 127774767  |
| Aroclor-1254-4             | (4) | 112512019                   | 116259037  | 121737436                  | 124392856  | 112665620  | 117513394  |
| Aroclor-1254-5             | (5) | 106399089                   | 105922557  | 113785120                  | 116153044  | 96391680   | 107730298  |
| Decachlorobiphenyl         |     | 1410101810                  | 1469202520 | 1526389740                 | 1549706840 | 1328725400 | 1456825262 |
| Tetrachloro-m-xylene       |     | 1888241120                  | 1936990333 | 2012368600                 | 2071565920 | 1722515200 | 1926336235 |
| Aroclor-1268-1             | (1) | 299594266                   | 309097848  | 319744804                  | 331826088  | 282063800  | 308465361  |

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|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 251109850  | 259047004  | 267960354  | 275856908  | 228123960  | 256419615  | 7 |
| Aroclor-1268-3       | (3) | 211915080  | 218354113  | 225284280  | 231505696  | 216470880  | 220706010  | 4 |
| Aroclor-1268-4       | (4) | 93231632   | 96431025   | 99007040   | 98059984   | 82736300   | 93893196   | 7 |
| Aroclor-1268-5       | (5) | 590082071  | 603740247  | 621062448  | 631335032  | 536707900  | 596585540  | 6 |
| Decachlorobiphenyl   |     | 2486623660 | 2556709627 | 2669414960 | 2694667240 | 2263272000 | 2534137497 | 7 |
| Tetrachloro-m-xylene |     | 1883977950 | 1931567613 | 1982008260 | 2006991440 | 1590966000 | 1879102253 | 9 |

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**Contract:** ENTA05

**Lab Code:** CHEM **Case No.:** Q1929 **SAS No.:** Q1929 **SDG NO.:** Q1929

**Instrument ID:** ECD\_P **Calibration Date(s):** 04/22/2025 04/22/2025  
**Calibration Times:** 10:29 17:49

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

| LAB FILE ID:               |     | CF 1000 = <u>PP071389.D</u> |            | CF 750 = <u>PP071390.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP071391.D</u> |     | CF 250 = <u>PP071392.D</u>  |            | CF 050 = <u>PP071393.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 48121828                    | 49414308   | 53806128                   | 56180596   | 60145020   | 53533576   |
| Aroclor-1016-2             | (2) | 69736709                    | 72096436   | 77213744                   | 78520924   | 84250740   | 76363711   |
| Aroclor-1016-3             | (3) | 38517048                    | 40455577   | 43831736                   | 45082616   | 43165080   | 42210411   |
| Aroclor-1016-4             | (4) | 31206636                    | 32814844   | 36123020                   | 37095092   | 35190100   | 34485938   |
| Aroclor-1016-5             | (5) | 39458687                    | 41985771   | 45850608                   | 46345748   | 48595640   | 44447291   |
| Aroclor-1260-1             | (1) | 63219917                    | 66123699   | 73727666                   | 76350368   | 82074520   | 72299234   |
| Aroclor-1260-2             | (2) | 77338708                    | 77548395   | 89921718                   | 91492956   | 101005300  | 87461415   |
| Aroclor-1260-3             | (3) | 72062678                    | 70944365   | 81698234                   | 79344004   | 87888600   | 78387576   |
| Aroclor-1260-4             | (4) | 57333188                    | 56779915   | 65331750                   | 68083052   | 68025140   | 63110609   |
| Aroclor-1260-5             | (5) | 143809415                   | 139161576  | 155842678                  | 157512280  | 157560640  | 150777318  |
| Decachlorobiphenyl         |     | 831147600                   | 875337973  | 902319620                  | 934998560  | 841460400  | 877052831  |
| Tetrachloro-m-xylene       |     | 1380433570                  | 1378340613 | 1415112020                 | 1448341640 | 1420974200 | 1408640409 |
| Aroclor-1242-1             | (1) | 42717527                    | 44660211   | 47919806                   | 49576672   | 46343800   | 46243603   |
| Aroclor-1242-2             | (2) | 62346958                    | 64901092   | 68295906                   | 70279172   | 64290540   | 66022734   |
| Aroclor-1242-3             | (3) | 34614031                    | 35703872   | 38469574                   | 40739776   | 32714120   | 36448275   |
| Aroclor-1242-4             | (4) | 33518120                    | 34659665   | 37548334                   | 39683016   | 33143760   | 35710579   |
| Aroclor-1242-5             | (5) | 41214500                    | 42688541   | 44971456                   | 47258656   | 41407120   | 43508055   |
| Decachlorobiphenyl         |     | 815615080                   | 851726400  | 897002660                  | 917481280  | 766770800  | 849719244  |
| Tetrachloro-m-xylene       |     | 1295159620                  | 1325412680 | 1503876340                 | 1432488040 | 1389045200 | 1389196376 |
| Aroclor-1248-1             | (1) | 30996932                    | 35945815   | 36538014                   | 39256084   | 37796080   | 36106585   |
| Aroclor-1248-2             | (2) | 43624561                    | 47309389   | 48616518                   | 53505512   | 51756020   | 48962400   |
| Aroclor-1248-3             | (3) | 45791659                    | 49899927   | 50774174                   | 56002176   | 52959580   | 51085503   |
| Aroclor-1248-4             | (4) | 53871444                    | 58562581   | 58680784                   | 64889280   | 67282380   | 60657294   |
| Aroclor-1248-5             | (5) | 52150607                    | 56290108   | 57608714                   | 65271236   | 60133720   | 58290877   |
| Decachlorobiphenyl         |     | 826375100                   | 860756013  | 900400040                  | 940375840  | 921771600  | 889935719  |
| Tetrachloro-m-xylene       |     | 1324712230                  | 1514156880 | 1548203640                 | 1434858960 | 1416930600 | 1447772462 |
| Aroclor-1254-1             | (1) | 81690839                    | 87361264   | 89755404                   | 97285536   | 100908960  | 91400401   |
| Aroclor-1254-2             | (2) | 70045476                    | 75469849   | 77317914                   | 83154376   | 87573280   | 78712179   |
| Aroclor-1254-3             | (3) | 109725744                   | 114103376  | 120096818                  | 124380164  | 124235440  | 118508308  |
| Aroclor-1254-4             | (4) | 70169900                    | 74068720   | 77810162                   | 81877428   | 81901880   | 77165618   |
| Aroclor-1254-5             | (5) | 92229111                    | 96109599   | 104690794                  | 107384400  | 106924600  | 101467701  |
| Decachlorobiphenyl         |     | 846307500                   | 875335867  | 916104900                  | 955261880  | 868223800  | 892246789  |
| Tetrachloro-m-xylene       |     | 1390553300                  | 1501013893 | 1450901500                 | 1518608160 | 1468503000 | 1465915971 |
| Aroclor-1268-1             | (1) | 181860271                   | 188460193  | 203483780                  | 205414332  | 201904640  | 196224643  |

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|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 154801411  | 159518377  | 172755008  | 173272408  | 170561360  | 166181713  | 5 |
| Aroclor-1268-3       | (3) | 128491160  | 133089205  | 143083692  | 144773184  | 135469120  | 136981272  | 5 |
| Aroclor-1268-4       | (4) | 56964280   | 59695839   | 63521398   | 64177792   | 55793320   | 60030526   | 6 |
| Aroclor-1268-5       | (5) | 367021219  | 377695863  | 385175068  | 387479012  | 342861840  | 372046600  | 5 |
| Decachlorobiphenyl   |     | 1499051200 | 1546040093 | 1602790460 | 1652739760 | 1464953600 | 1553115023 | 5 |
| Tetrachloro-m-xylene |     | 1476470990 | 1445952813 | 1464214380 | 1457737600 | 1300882000 | 1429051557 | 5 |