

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** JPCL01

**Lab Code:** CHEM **Case No.:** Q2473 **SAS No.:** Q2473 **SDG NO.:** Q2473

**Instrument ID:** ECD\_P **Calibration Date(s):** 07/01/2025 07/01/2025  
**Calibration Times:** 14:04 21:30

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

| LAB FILE ID:               |     | CF 1000 = <u>PP073413.D</u> |            | CF 750 = <u>PP073414.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP073415.D</u> |     | CF 250 = <u>PP073416.D</u>  |            | CF 050 = <u>PP073417.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 53386559                    | 55099693   | 57782372                   | 61225280   | 46407680   | 54780317   |
| Aroclor-1016-2             | (2) | 81419554                    | 84803241   | 87804568                   | 91506020   | 68225200   | 82751717   |
| Aroclor-1016-3             | (3) | 50608265                    | 52725643   | 55448056                   | 56692696   | 48292660   | 52753464   |
| Aroclor-1016-4             | (4) | 42447376                    | 44200837   | 45284776                   | 46593636   | 41594580   | 44024241   |
| Aroclor-1016-5             | (5) | 38953823                    | 39611271   | 42379456                   | 43518084   | 36573140   | 40207155   |
| Aroclor-1260-1             | (1) | 68843805                    | 71260640   | 74149802                   | 78663704   | 63647180   | 71313026   |
| Aroclor-1260-2             | (2) | 99938528                    | 104203213  | 107495204                  | 111625928  | 102293820  | 105111339  |
| Aroclor-1260-3             | (3) | 89992879                    | 93711335   | 96595022                   | 99925392   | 80545180   | 92153962   |
| Aroclor-1260-4             | (4) | 83642835                    | 85762545   | 90344816                   | 93589416   | 88452740   | 88358470   |
| Aroclor-1260-5             | (5) | 193274824                   | 198819536  | 203197892                  | 204345800  | 186020600  | 197131730  |
| Decachlorobiphenyl         |     | 1421650480                  | 1468921840 | 1501094120                 | 1508618080 | 1204671600 | 1420991224 |
| Tetrachloro-m-xylene       |     | 1570855440                  | 1622793880 | 1655550080                 | 1703062440 | 1429208000 | 1596293968 |
| Aroclor-1242-1             | (1) | 47425724                    | 48267568   | 50545606                   | 53677172   | 54137380   | 50810690   |
| Aroclor-1242-2             | (2) | 70605687                    | 73942651   | 77425488                   | 81332260   | 75817440   | 75824705   |
| Aroclor-1242-3             | (3) | 43609661                    | 45342768   | 48170240                   | 50661632   | 52400880   | 48037036   |
| Aroclor-1242-4             | (4) | 36635769                    | 38015049   | 40483084                   | 41469592   | 35926280   | 38505955   |
| Aroclor-1242-5             | (5) | 40193741                    | 40353568   | 44121034                   | 48899828   | 38950680   | 42503770   |
| Decachlorobiphenyl         |     | 1442761550                  | 1502718333 | 1602192620                 | 1540462680 | 1255271200 | 1468681277 |
| Tetrachloro-m-xylene       |     | 1577761690                  | 1632079280 | 1703090600                 | 1745443160 | 1445015600 | 1620678066 |
| Aroclor-1248-1             | (1) | 36440017                    | 38150569   | 37262436                   | 41452096   | 42286380   | 39118300   |
| Aroclor-1248-2             | (2) | 48329662                    | 50547713   | 48827254                   | 51778388   | 58562440   | 51609091   |
| Aroclor-1248-3             | (3) | 56570945                    | 58408187   | 55042098                   | 60722368   | 52592180   | 56667156   |
| Aroclor-1248-4             | (4) | 68098333                    | 70673667   | 69108470                   | 75950940   | 68089760   | 70384234   |
| Aroclor-1248-5             | (5) | 66645751                    | 68842209   | 72410538                   | 75877756   | 66165900   | 69988431   |
| Decachlorobiphenyl         |     | 1508523030                  | 1525420920 | 1478881260                 | 1540009680 | 1268070800 | 1464181138 |
| Tetrachloro-m-xylene       |     | 1604315820                  | 1641926027 | 1551741820                 | 1680674040 | 1394949600 | 1574721461 |
| Aroclor-1254-1             | (1) | 63999015                    | 67834332   | 69607928                   | 76054128   | 77161340   | 70931349   |
| Aroclor-1254-2             | (2) | 96232579                    | 100969377  | 102890118                  | 110292084  | 105313160  | 103139464  |
| Aroclor-1254-3             | (3) | 103352127                   | 108143771  | 111397258                  | 116883672  | 128608440  | 113677054  |
| Aroclor-1254-4             | (4) | 94005550                    | 97663439   | 99341056                   | 103690768  | 102730340  | 99486231   |
| Aroclor-1254-5             | (5) | 92682459                    | 96038677   | 97662174                   | 101007260  | 86476540   | 94773422   |
| Decachlorobiphenyl         |     | 1481522320                  | 1524577613 | 1557007420                 | 1588915360 | 1260352600 | 1482475063 |
| Tetrachloro-m-xylene       |     | 1577655960                  | 1644831773 | 1681333000                 | 1765332680 | 1403156000 | 1614461883 |
| Aroclor-1268-1             | (1) | 286615327                   | 289052520  | 307483458                  | 294851244  | 261364480  | 287873406  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 247916720  | 251358060  | 266224964  | 254365208  | 227947580  | 249562506  | 6 |
| Aroclor-1268-3       | (3) | 214702422  | 217599913  | 228686398  | 224788636  | 214260700  | 220007614  | 3 |
| Aroclor-1268-4       | (4) | 94022064   | 94827915   | 98593676   | 96762032   | 95146280   | 95870393   | 2 |
| Aroclor-1268-5       | (5) | 630910741  | 636564881  | 660765348  | 643855636  | 546333060  | 623685933  | 7 |
| Decachlorobiphenyl   |     | 2657569150 | 2696505867 | 2841581440 | 2789411560 | 2581412800 | 2713296163 | 4 |
| Tetrachloro-m-xylene |     | 1617584630 | 1640463653 | 1736400760 | 1565046840 | 1414382600 | 1594775697 | 7 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** JPCL01

**Lab Code:** CHEM **Case No.:** Q2473 **SAS No.:** Q2473 **SDG NO.:** Q2473

**Instrument ID:** ECD\_P **Calibration Date(s):** 07/01/2025 07/01/2025  
**Calibration Times:** 14:04 21:30

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

| LAB FILE ID:               |     | CF 1000 = <u>PP073413.D</u> |            | CF 750 = <u>PP073414.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP073415.D</u> |     | CF 250 = <u>PP073416.D</u>  |            | CF 050 = <u>PP073417.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 60174256                    | 61652469   | 65707278                   | 68697472   | 65429740   | 64332243   |
| Aroclor-1016-2             | (2) | 89553215                    | 90849693   | 97911362                   | 103104680  | 95117320   | 95307254   |
| Aroclor-1016-3             | (3) | 47760737                    | 49133169   | 52363984                   | 54033520   | 48807740   | 50419830   |
| Aroclor-1016-4             | (4) | 37669371                    | 39135572   | 42081524                   | 43824204   | 40567820   | 40655698   |
| Aroclor-1016-5             | (5) | 47972255                    | 50349676   | 52978140                   | 55111404   | 49824240   | 51247143   |
| Aroclor-1260-1             | (1) | 85568106                    | 92077153   | 95044522                   | 97896916   | 90806160   | 92278571   |
| Aroclor-1260-2             | (2) | 108395053                   | 116492717  | 118624236                  | 124712828  | 149744620  | 123593891  |
| Aroclor-1260-3             | (3) | 95898053                    | 104470747  | 101583108                  | 105339980  | 93078140   | 100074006  |
| Aroclor-1260-4             | (4) | 80000894                    | 88722875   | 88003890                   | 92045480   | 85312820   | 86817192   |
| Aroclor-1260-5             | (5) | 209936846                   | 226978429  | 216526966                  | 226226544  | 211143860  | 218162529  |
| Decachlorobiphenyl         |     | 1302456510                  | 1414774613 | 1409048440                 | 1485562240 | 1306412800 | 1383650921 |
| Tetrachloro-m-xylene       |     | 1683025650                  | 1786408827 | 1870928320                 | 1901739040 | 1625568400 | 1773534047 |
| Aroclor-1242-1             | (1) | 53280276                    | 54693765   | 57617080                   | 61835324   | 64576540   | 58400597   |
| Aroclor-1242-2             | (2) | 82972139                    | 81931147   | 87183548                   | 91968308   | 87325500   | 86276128   |
| Aroclor-1242-3             | (3) | 43743631                    | 44030816   | 46799620                   | 49550292   | 45297760   | 45884424   |
| Aroclor-1242-4             | (4) | 41461297                    | 42081584   | 45095442                   | 47293720   | 43617680   | 43909945   |
| Aroclor-1242-5             | (5) | 51909044                    | 52967295   | 56730582                   | 58513352   | 53462900   | 54716635   |
| Decachlorobiphenyl         |     | 1424340080                  | 1450974107 | 1528503620                 | 1587816400 | 1352590800 | 1468845001 |
| Tetrachloro-m-xylene       |     | 1883010450                  | 1853943080 | 1918709500                 | 1895172800 | 1684617400 | 1847090646 |
| Aroclor-1248-1             | (1) | 42033623                    | 43840621   | 39115776                   | 46220760   | 48755960   | 43993348   |
| Aroclor-1248-2             | (2) | 56827314                    | 59455616   | 53089712                   | 62482184   | 62673780   | 58905721   |
| Aroclor-1248-3             | (3) | 59385868                    | 61829628   | 53385880                   | 64667732   | 62511060   | 60356034   |
| Aroclor-1248-4             | (4) | 69578975                    | 73002957   | 62777516                   | 76679148   | 74543860   | 71316491   |
| Aroclor-1248-5             | (5) | 72773558                    | 74108969   | 70322374                   | 77425468   | 73121080   | 73550290   |
| Decachlorobiphenyl         |     | 1468137220                  | 1389834400 | 1323620360                 | 1545387480 | 1355376400 | 1416471172 |
| Tetrachloro-m-xylene       |     | 1847505480                  | 1847210627 | 1653069040                 | 1807521240 | 1622513400 | 1755563957 |
| Aroclor-1254-1             | (1) | 102934304                   | 106592511  | 109028100                  | 120731728  | 108455860  | 109548501  |
| Aroclor-1254-2             | (2) | 89245302                    | 92663879   | 94367858                   | 105277948  | 103354040  | 96981805   |
| Aroclor-1254-3             | (3) | 143533516                   | 146102655  | 147782620                  | 161681172  | 137594340  | 147338861  |
| Aroclor-1254-4             | (4) | 87925313                    | 92026563   | 91978244                   | 100743696  | 78450540   | 90224871   |
| Aroclor-1254-5             | (5) | 128472976                   | 133438536  | 132590836                  | 139444940  | 131430380  | 133075534  |
| Decachlorobiphenyl         |     | 1365268720                  | 1441926987 | 1465541720                 | 1569805360 | 1402613400 | 1449031237 |
| Tetrachloro-m-xylene       |     | 1755103800                  | 1814214613 | 1848619580                 | 1928531480 | 1514798800 | 1772253655 |
| Aroclor-1268-1             | (1) | 282614813                   | 303950412  | 304406056                  | 299862664  | 286285140  | 295423817  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 251131090  | 270626467  | 272094030  | 267509272  | 248303600  | 261932892  | 4 |
| Aroclor-1268-3       | (3) | 211302857  | 228722700  | 230182198  | 217737408  | 208169300  | 219222893  | 5 |
| Aroclor-1268-4       | (4) | 93313531   | 99153364   | 100645408  | 92833816   | 87176160   | 94624456   | 6 |
| Aroclor-1268-5       | (5) | 614873444  | 644117777  | 646287038  | 609236944  | 584176480  | 619738337  | 4 |
| Decachlorobiphenyl   |     | 2503938560 | 2622033627 | 2700857080 | 2653903400 | 2481135200 | 2592373573 | 4 |
| Tetrachloro-m-xylene |     | 1836459180 | 1835199600 | 1882835460 | 1567494680 | 1720988000 | 1768595384 | 7 |