

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** AECO02

**Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921 **SDG NO.:** P4921

**Instrument ID:** ECD\_O **Calibration Date(s):** 11/18/2024 11/18/2024  
**Calibration Times:** 15:32 22:51

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

| LAB FILE ID:               |     | CF 1000 = <u>PO108038.D</u> |            | CF 750 = <u>PO108039.D</u> |            |            |            |          |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|----------|
| CF 500 = <u>PO108040.D</u> |     | CF 250 = <u>PO108041.D</u>  |            | CF 050 = <u>PO108042.D</u> |            |            |            |          |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | CF         | %<br>RSD |
| Aroclor-1016-1             | (1) | 246762638                   | 255183097  | 267973476                  | 283317680  | 291399940  | 268927366  | 7        |
| Aroclor-1016-2             | (2) | 361906701                   | 371340893  | 387074982                  | 408562964  | 409480900  | 387673288  | 6        |
| Aroclor-1016-3             | (3) | 222622001                   | 230895227  | 242997188                  | 262828576  | 290224400  | 249913478  | 11       |
| Aroclor-1016-4             | (4) | 180908655                   | 187263399  | 196564780                  | 208828236  | 202781360  | 195269286  | 6        |
| Aroclor-1016-5             | (5) | 172054377                   | 178657919  | 188464708                  | 198508344  | 189466020  | 185430274  | 6        |
| Aroclor-1260-1             | (1) | 247038034                   | 257258523  | 276155998                  | 300356752  | 291432540  | 274448369  | 8        |
| Aroclor-1260-2             | (2) | 272689813                   | 275156095  | 291862946                  | 311284092  | 264022160  | 283003021  | 7        |
| Aroclor-1260-3             | (3) | 196571881                   | 200863216  | 216965512                  | 232635324  | 227109120  | 214829011  | 7        |
| Aroclor-1260-4             | (4) | 206067217                   | 211502581  | 224665900                  | 236880824  | 230926000  | 222008504  | 6        |
| Aroclor-1260-5             | (5) | 361568828                   | 367344987  | 386082756                  | 401302256  | 391367100  | 381533185  | 4        |
| Decachlorobiphenyl         |     | 2788452830                  | 2899237187 | 3078698780                 | 3257210480 | 3247383800 | 3054196615 | 7        |
| Tetrachloro-m-xylene       |     | 8465605050                  | 8620290680 | 8898313680                 | 9030365440 | 8515879800 | 8706090930 | 3        |
| Aroclor-1242-1             | (1) | 202566328                   | 209266423  | 216968960                  | 226834060  | 251201700  | 221367494  | 9        |
| Aroclor-1242-2             | (2) | 292414213                   | 300976153  | 306906846                  | 326944128  | 345266040  | 314501476  | 7        |
| Aroclor-1242-3             | (3) | 180504553                   | 188122379  | 204296224                  | 206704844  | 232713180  | 202468236  | 10       |
| Aroclor-1242-4             | (4) | 145573082                   | 151871127  | 147856924                  | 161129744  | 174130240  | 156112223  | 7        |
| Aroclor-1242-5             | (5) | 141458429                   | 150487075  | 174887798                  | 165575256  | 171811960  | 160844104  | 9        |
| Decachlorobiphenyl         |     | 2883024050                  | 2993599120 | 3112238920                 | 3347716960 | 3290585400 | 3125432890 | 6        |
| Tetrachloro-m-xylene       |     | 8474998350                  | 8554163053 | 8448632340                 | 8865007800 | 8445940200 | 8557748349 | 2        |
| Aroclor-1248-1             | (1) | 159118922                   | 161357184  | 172663464                  | 181852748  | 193964860  | 173791436  | 8        |
| Aroclor-1248-2             | (2) | 223667475                   | 232366575  | 244148502                  | 257041984  | 245312320  | 240507371  | 5        |
| Aroclor-1248-3             | (3) | 235052357                   | 249913948  | 255721754                  | 270339584  | 271390180  | 256483565  | 6        |
| Aroclor-1248-4             | (4) | 254865791                   | 270625609  | 276970026                  | 290980956  | 271389120  | 272966300  | 5        |
| Aroclor-1248-5             | (5) | 250852362                   | 264749787  | 277140996                  | 291546208  | 270671600  | 270992191  | 6        |
| Decachlorobiphenyl         |     | 3055844430                  | 3212426880 | 3323854080                 | 3502784880 | 3470872200 | 3313156494 | 6        |
| Tetrachloro-m-xylene       |     | 8617109190                  | 8960264667 | 8973068820                 | 9149151720 | 8598975400 | 8859713959 | 3        |
| Aroclor-1254-1             | (1) | 252273984                   | 264379132  | 273757404                  | 293053280  | 301432280  | 276979216  | 7        |
| Aroclor-1254-2             | (2) | 370718764                   | 381771509  | 401517756                  | 431022924  | 452397520  | 407485695  | 8        |
| Aroclor-1254-3             | (3) | 371029833                   | 378293709  | 395728354                  | 413498008  | 404266220  | 392563225  | 5        |
| Aroclor-1254-4             | (4) | 258988770                   | 265852057  | 279911766                  | 295707108  | 295222320  | 279136404  | 6        |
| Aroclor-1254-5             | (5) | 253254357                   | 260982649  | 273964622                  | 289085188  | 263893220  | 268236007  | 5        |
| Decachlorobiphenyl         |     | 3053184730                  | 3175475907 | 3371258020                 | 3559677880 | 3473166600 | 3326552627 | 6        |
| Tetrachloro-m-xylene       |     | 8676286000                  | 8781692213 | 9032518320                 | 9252845040 | 8520211800 | 8852710675 | 3        |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** AECO02

**Lab Code:** CHEM **Case No.:** P4921 **SAS No.:** P4921 **SDG NO.:** P4921

**Instrument ID:** ECD\_O **Calibration Date(s):** 11/18/2024 11/18/2024  
**Calibration Times:** 15:32 22:51

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

| LAB FILE ID:               |     | CF 1000 = <u>PO108038.D</u> |            | CF 750 = <u>PO108039.D</u> |            |            |              |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|--------------|
| CF 500 = <u>PO108040.D</u> |     | CF 250 = <u>PO108041.D</u>  |            | CF 050 = <u>PO108042.D</u> |            |            |              |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD        |
| Aroclor-1016-1             | (1) | 106788150                   | 108798153  | 111718164                  | 113509520  | 105554920  | 109273781 3  |
| Aroclor-1016-2             | (2) | 152123024                   | 154097571  | 158326228                  | 159327316  | 140638080  | 152902444 5  |
| Aroclor-1016-3             | (3) | 80988346                    | 82315700   | 85055114                   | 86482700   | 75979360   | 82164244 5   |
| Aroclor-1016-4             | (4) | 61290280                    | 63322112   | 65890902                   | 67513476   | 60347000   | 63672754 5   |
| Aroclor-1016-5             | (5) | 83859555                    | 84976180   | 88574978                   | 90258120   | 85814880   | 86696743 3   |
| Aroclor-1260-1             | (1) | 157781272                   | 160281296  | 165675998                  | 168803692  | 157161680  | 161940788 3  |
| Aroclor-1260-2             | (2) | 193178496                   | 195374557  | 201955632                  | 205123576  | 188687800  | 196864012 3  |
| Aroclor-1260-3             | (3) | 183308515                   | 185530125  | 190617304                  | 192222592  | 178946180  | 186124943 3  |
| Aroclor-1260-4             | (4) | 158006285                   | 159976592  | 164422288                  | 165515456  | 152052260  | 159994576 3  |
| Aroclor-1260-5             | (5) | 397600161                   | 398299031  | 405738120                  | 401770156  | 360054820  | 392692458 5  |
| Decachlorobiphenyl         |     | 3329333650                  | 3376455133 | 3495318160                 | 3542281840 | 3265178400 | 3401713437 3 |
| Tetrachloro-m-xylene       |     | 3460288000                  | 3499045520 | 3533194380                 | 3490778200 | 2968782600 | 3390417740 7 |
| Aroclor-1242-1             | (1) | 87969741                    | 88248992   | 87758754                   | 93432100   | 85060960   | 88494109 3   |
| Aroclor-1242-2             | (2) | 124351775                   | 125884719  | 122342024                  | 129672256  | 115828860  | 123615927 4  |
| Aroclor-1242-3             | (3) | 66089426                    | 66658731   | 64420492                   | 69305104   | 64944480   | 66283647 3   |
| Aroclor-1242-4             | (4) | 61409091                    | 62399051   | 61772248                   | 66049176   | 61264060   | 62578725 3   |
| Aroclor-1242-5             | (5) | 80580818                    | 81655216   | 82065824                   | 87619560   | 85982300   | 83580744 4   |
| Decachlorobiphenyl         |     | 3376553600                  | 3460953067 | 3489794800                 | 3599195960 | 3335440400 | 3452387565 3 |
| Tetrachloro-m-xylene       |     | 3506478780                  | 3524758680 | 3390143240                 | 3493295680 | 3130140400 | 3408963356 5 |
| Aroclor-1248-1             | (1) | 67026994                    | 69560969   | 69998122                   | 71628912   | 68826780   | 69408355 2   |
| Aroclor-1248-2             | (2) | 89376189                    | 93801245   | 94712640                   | 97706412   | 91207920   | 93360881 3   |
| Aroclor-1248-3             | (3) | 94788893                    | 98911040   | 100115740                  | 103278720  | 96514280   | 98721735 3   |
| Aroclor-1248-4             | (4) | 115527324                   | 120128197  | 120921898                  | 125233548  | 119364180  | 120235029 3  |
| Aroclor-1248-5             | (5) | 119804627                   | 123323009  | 123889724                  | 128054636  | 128073460  | 124629091 3  |
| Decachlorobiphenyl         |     | 3528559440                  | 3596963560 | 3616896320                 | 3663454400 | 3377244800 | 3556623704 3 |
| Tetrachloro-m-xylene       |     | 3528541860                  | 3631159893 | 3583888800                 | 3559804240 | 3171920200 | 3495062999 5 |
| Aroclor-1254-1             | (1) | 174289834                   | 176158589  | 180893068                  | 186013588  | 167948420  | 177060700 4  |
| Aroclor-1254-2             | (2) | 150108724                   | 152943737  | 157672006                  | 163048368  | 154480520  | 155650671 3  |
| Aroclor-1254-3             | (3) | 256239069                   | 259520284  | 265457534                  | 269328112  | 244789800  | 259066960 4  |
| Aroclor-1254-4             | (4) | 157049736                   | 150166115  | 151648294                  | 150255064  | 114987000  | 144821242 12 |
| Aroclor-1254-5             | (5) | 226514935                   | 228906973  | 235035164                  | 238147696  | 216555420  | 229032038 4  |
| Decachlorobiphenyl         |     | 3488739090                  | 3567821253 | 3665438080                 | 3726867560 | 3437434800 | 3577260157 3 |
| Tetrachloro-m-xylene       |     | 3561296690                  | 3571149600 | 3637431600                 | 3609953440 | 3188991400 | 3513764546 5 |