

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: NOBI03  
SDG NO.: Q2639

Calibration Date(s): 07/08/2025 07/08/2025  
Calibration Times: 14:06 22:16

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

| LAB FILE ID:               |     | CF 1000 = <u>PO112088.D</u> |             | CF 750 = <u>PO112089.D</u> |             |            |             |
|----------------------------|-----|-----------------------------|-------------|----------------------------|-------------|------------|-------------|
| CF 500 = <u>PO112090.D</u> |     | CF 250 = <u>PO112091.D</u>  |             | CF 050 = <u>PO112092.D</u> |             |            |             |
| COMPOUND                   |     | CF 1000                     | CF 750      | CF 500                     | CF 250      | CF 050     | % RSD       |
| Aroclor-1016-1             | (1) | 360742355                   | 353411084   | 358608078                  | 351811628   | 276040300  | 340122689   |
| Aroclor-1016-2             | (2) | 524757576                   | 513734579   | 527286258                  | 524874328   | 395805960  | 497291740   |
| Aroclor-1016-3             | (3) | 332829086                   | 325012079   | 334990372                  | 341827996   | 283910480  | 323714003   |
| Aroclor-1016-4             | (4) | 267114546                   | 263557440   | 269039266                  | 265481824   | 218804880  | 256799591   |
| Aroclor-1016-5             | (5) | 281257689                   | 272140703   | 280446704                  | 285989380   | 248475020  | 273661899   |
| Aroclor-1260-1             | (1) | 515263930                   | 514045125   | 524528068                  | 524922328   | 427435480  | 501238986   |
| Aroclor-1260-2             | (2) | 755458656                   | 751801572   | 763083688                  | 740918324   | 679411120  | 738134672   |
| Aroclor-1260-3             | (3) | 672764264                   | 679771911   | 697132702                  | 647584436   | 580156380  | 655481939   |
| Aroclor-1260-4             | (4) | 428461498                   | 442815881   | 457502760                  | 461118372   | 386340060  | 435247714   |
| Aroclor-1260-5             | (5) | 1355306152                  | 1333629501  | 1317199750                 | 1298892100  | 1007658700 | 1262537241  |
| Decachlorobiphenyl         |     | 7091695750                  | 7147123880  | 7182630500                 | 7285420480  | 5478354000 | 6837044922  |
| Tetrachloro-m-xylene       |     | 10813397260                 | 10474815627 | 10513291260                | 10183518000 | 7488479400 | 9894700309  |
| Aroclor-1242-1             | (1) | 285009923                   | 305769684   | 302587940                  | 302628584   | 252187260  | 289636678   |
| Aroclor-1242-2             | (2) | 424985528                   | 451558340   | 449561854                  | 447967952   | 355524300  | 425919595   |
| Aroclor-1242-3             | (3) | 267327438                   | 285181779   | 287377204                  | 288451804   | 240089600  | 273685565   |
| Aroclor-1242-4             | (4) | 217524144                   | 232173980   | 231748124                  | 232379948   | 212764400  | 225318119   |
| Aroclor-1242-5             | (5) | 218416651                   | 232437525   | 224522496                  | 231546684   | 151431360  | 211670943   |
| Decachlorobiphenyl         |     | 6979969120                  | 7147406973  | 7161879360                 | 7131310800  | 5658336400 | 6815780531  |
| Tetrachloro-m-xylene       |     | 10047633560                 | 10752033107 | 10538404740                | 10524037960 | 8582543200 | 10088930513 |
| Aroclor-1248-1             | (1) | 231871262                   | 227298380   | 227625104                  | 251373404   | 196330000  | 226899630   |
| Aroclor-1248-2             | (2) | 312226784                   | 305819339   | 307255800                  | 349605332   | 266719220  | 308325295   |
| Aroclor-1248-3             | (3) | 394903515                   | 391569029   | 392918442                  | 459601740   | 397606080  | 407319761   |
| Aroclor-1248-4             | (4) | 577144829                   | 572571723   | 575557162                  | 615211088   | 545252760  | 577147512   |
| Aroclor-1248-5             | (5) | 391149352                   | 391468967   | 390698366                  | 435680552   | 342525360  | 390304519   |
| Decachlorobiphenyl         |     | 7164669710                  | 7172590053  | 7258610400                 | 7568481440  | 5849763800 | 7002823081  |
| Tetrachloro-m-xylene       |     | 10966260810                 | 10668995880 | 10533016680                | 11674212280 | 8664104600 | 10501318050 |
| Aroclor-1254-1             | (1) | 596387386                   | 615301855   | 615556214                  | 631197528   | 617123200  | 615113237   |
| Aroclor-1254-2             | (2) | 526620849                   | 541456496   | 538329150                  | 552782544   | 519240660  | 535685940   |
| Aroclor-1254-3             | (3) | 832372124                   | 848375105   | 844598876                  | 861920200   | 810621920  | 839577645   |
| Aroclor-1254-4             | (4) | 488348458                   | 550588549   | 528046518                  | 514011204   | 324098800  | 481018706   |
| Aroclor-1254-5             | (5) | 772769124                   | 785953607   | 791521408                  | 805117428   | 714377600  | 773947833   |
| Decachlorobiphenyl         |     | 7313218520                  | 7363897040  | 7524909560                 | 7619539480  | 6511414600 | 7266595840  |
| Tetrachloro-m-xylene       |     | 10817495530                 | 10970019693 | 10749863260                | 10915129200 | 9106609200 | 10511823377 |
| Aroclor-1268-1             | (1) | 1933697823                  | 1961714709  | 1933333182                 | 1889919492  | 1468606580 | 1837454357  |

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|                      |     |             |             |             |             |             |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|----|
| Aroclor-1268-2       | (2) | 1621310763  | 1652283559  | 1624883286  | 1597201648  | 1292350600  | 1557605971  | 10 |
| Aroclor-1268-3       | (3) | 1337748865  | 1359325231  | 1351894922  | 1337301304  | 1112111800  | 1299676424  | 8  |
| Aroclor-1268-4       | (4) | 501678112   | 499381901   | 514040784   | 510400332   | 376538760   | 480407978   | 12 |
| Aroclor-1268-5       | (5) | 3474681887  | 3495352783  | 3443761070  | 3349732680  | 2555042300  | 3263714144  | 12 |
| Decachlorobiphenyl   |     | 13779789610 | 14010961973 | 13831208240 | 13686235720 | 10617540000 | 13185147109 | 11 |
| Tetrachloro-m-xylene |     | 10828416470 | 10960168653 | 10714217600 | 10397619080 | 7773509600  | 10134786281 | 13 |

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Instrument ID: ECD\_O

Contract: NOBI03  
SDG NO.: Q2639

Calibration Date(s): 07/08/2025 07/08/2025  
Calibration Times: 14:06 22:16

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

| LAB FILE ID:               |     | CF 1000 = <u>PO112088.D</u> |            | CF 750 = <u>PO112089.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PO112090.D</u> |     | CF 250 = <u>PO112091.D</u>  |            | CF 050 = <u>PO112092.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 224689947                   | 221197589  | 229855740                  | 235435032  | 202993580  | 222834378  |
| Aroclor-1016-2             | (2) | 333676696                   | 332964816  | 340716574                  | 344871116  | 293258760  | 329097592  |
| Aroclor-1016-3             | (3) | 173220389                   | 172286476  | 177510406                  | 175323720  | 150993180  | 169866834  |
| Aroclor-1016-4             | (4) | 133548654                   | 134722825  | 140696304                  | 141544972  | 135624760  | 137227503  |
| Aroclor-1016-5             | (5) | 172958737                   | 175867975  | 183374190                  | 179483264  | 150567480  | 172450329  |
| Aroclor-1260-1             | (1) | 273966572                   | 275587577  | 284396370                  | 318959696  | 249900320  | 280562107  |
| Aroclor-1260-2             | (2) | 339471861                   | 339883185  | 345098816                  | 366340024  | 309189580  | 339996693  |
| Aroclor-1260-3             | (3) | 285079531                   | 283131084  | 293155536                  | 294803628  | 221760800  | 275586116  |
| Aroclor-1260-4             | (4) | 190320237                   | 194370733  | 203166394                  | 219087436  | 196280140  | 200644988  |
| Aroclor-1260-5             | (5) | 439428363                   | 448516680  | 455912584                  | 483251276  | 411533840  | 447728549  |
| Decachlorobiphenyl         |     | 1708564380                  | 1754251880 | 1790007560                 | 1862375960 | 1502102800 | 1723460516 |
| Tetrachloro-m-xylene       |     | 6849689250                  | 6688775747 | 6823852720                 | 6660365320 | 4832613200 | 6371059247 |
| Aroclor-1242-1             | (1) | 180558203                   | 194276476  | 196154442                  | 205920884  | 192381760  | 193858353  |
| Aroclor-1242-2             | (2) | 267145812                   | 285888559  | 288791934                  | 297310352  | 277625120  | 283352355  |
| Aroclor-1242-3             | (3) | 139388587                   | 149896708  | 150012144                  | 154353128  | 134735720  | 145677257  |
| Aroclor-1242-4             | (4) | 132647733                   | 142511831  | 143624204                  | 149839712  | 140580100  | 141840716  |
| Aroclor-1242-5             | (5) | 169256952                   | 182077477  | 187071418                  | 199409696  | 170855060  | 181734121  |
| Decachlorobiphenyl         |     | 1694985930                  | 1765973813 | 1799728340                 | 1866433600 | 1579982000 | 1741420737 |
| Tetrachloro-m-xylene       |     | 6408694870                  | 6872035667 | 6730718280                 | 6766792760 | 5539281400 | 6463504595 |
| Aroclor-1248-1             | (1) | 148373409                   | 146783767  | 149637550                  | 173598112  | 153448100  | 154368188  |
| Aroclor-1248-2             | (2) | 200165378                   | 198242231  | 203122858                  | 230241332  | 197066700  | 205767700  |
| Aroclor-1248-3             | (3) | 210851108                   | 208337667  | 212783398                  | 242780584  | 199239520  | 214798455  |
| Aroclor-1248-4             | (4) | 249491134                   | 246252407  | 253519016                  | 297759984  | 246611360  | 258726780  |
| Aroclor-1248-5             | (5) | 244390847                   | 243395885  | 250986596                  | 299503676  | 214470400  | 250549481  |
| Decachlorobiphenyl         |     | 1741004980                  | 1773180160 | 1834926600                 | 1999524800 | 1593214800 | 1788370268 |
| Tetrachloro-m-xylene       |     | 6922029440                  | 6722968493 | 6653358760                 | 7457216520 | 5595884000 | 6670291443 |
| Aroclor-1254-1             | (1) | 358701312                   | 372366800  | 376618238                  | 404921504  | 393233780  | 381168327  |
| Aroclor-1254-2             | (2) | 309319461                   | 318506233  | 325963420                  | 350344944  | 354921460  | 331811104  |
| Aroclor-1254-3             | (3) | 457035033                   | 473473401  | 470706516                  | 496812748  | 512186320  | 482042804  |
| Aroclor-1254-4             | (4) | 242702235                   | 264458053  | 264466114                  | 273730492  | 258116740  | 260694727  |
| Aroclor-1254-5             | (5) | 340856875                   | 348898753  | 356048528                  | 374047448  | 361929480  | 356356217  |
| Decachlorobiphenyl         |     | 1762037980                  | 1801047667 | 1852268780                 | 1914979680 | 1705564000 | 1807179621 |
| Tetrachloro-m-xylene       |     | 6812677640                  | 6946187027 | 6790686340                 | 6873927640 | 5937916200 | 6672278969 |
| Aroclor-1268-1             | (1) | 486556055                   | 496283868  | 499490630                  | 514433332  | 460511800  | 491455137  |

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|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 414074889  | 422901423  | 425132138  | 438633692  | 385189960  | 417186420  | 5  |
| Aroclor-1268-3       | (3) | 309607188  | 317937561  | 322370012  | 335163612  | 296865480  | 316388771  | 5  |
| Aroclor-1268-4       | (4) | 111375490  | 114260995  | 115590378  | 117536984  | 98796160   | 111512001  | 7  |
| Aroclor-1268-5       | (5) | 736492551  | 750146037  | 748798464  | 755249104  | 641904560  | 726518143  | 7  |
| Decachlorobiphenyl   |     | 3139191470 | 3230861547 | 3253774420 | 3306379000 | 2721463200 | 3130333927 | 8  |
| Tetrachloro-m-xylene |     | 6732535870 | 6829120120 | 6762174400 | 6573365120 | 5117275800 | 6402894262 | 11 |