

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: REMI02  
SDG NO.: Q3534

Calibration Date(s): 11/04/2025 11/04/2025  
Calibration Times: 09:39 18:31

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

| LAB FILE ID:         |     | CF 1000 =  | PO114871.D | CF 750 =   | PO114872.D |            |            |       |
|----------------------|-----|------------|------------|------------|------------|------------|------------|-------|
| CF 500 =             |     | PO114873.D | CF 250 =   | PO114874.D | CF 050 =   | PO114875.D |            |       |
| COMPOUND             |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | CF         | % RSD |
| Aroclor-1016-1       | (1) | 235183609  | 242405119  | 252300612  | 252330724  | 247880040  | 246020021  | 3     |
| Aroclor-1016-2       | (2) | 380671765  | 391174169  | 403435360  | 408228592  | 401844700  | 397070917  | 3     |
| Aroclor-1016-3       | (3) | 214892716  | 220811199  | 230510330  | 231508016  | 217282560  | 223000964  | 3     |
| Aroclor-1016-4       | (4) | 180735079  | 184273587  | 191842228  | 192742164  | 194782360  | 188875084  | 3     |
| Aroclor-1016-5       | (5) | 166479276  | 173610481  | 179587174  | 180772736  | 190536000  | 178197133  | 5     |
| Aroclor-1260-1       | (1) | 291080181  | 301659089  | 311914366  | 329562032  | 293951540  | 305633442  | 5     |
| Aroclor-1260-2       | (2) | 393658847  | 402595176  | 414352186  | 418536840  | 350242960  | 395877202  | 7     |
| Aroclor-1260-3       | (3) | 331096941  | 340266576  | 347857958  | 348147780  | 291720640  | 331817979  | 7     |
| Aroclor-1260-4       | (4) | 303823322  | 310642864  | 321126472  | 321507392  | 268000240  | 305020058  | 7     |
| Aroclor-1260-5       | (5) | 714393776  | 724690244  | 737226162  | 719415648  | 670367440  | 713218654  | 3     |
| Decachlorobiphenyl   |     | 4451734610 | 4516548787 | 4612561720 | 4524869360 | 3995527600 | 4420248415 | 6     |
| Tetrachloro-m-xylene |     | 7020403280 | 7162783533 | 7307727940 | 7156075200 | 6543618600 | 7038121711 | 4     |
| Aroclor-1242-1       | (1) | 180395803  | 184480117  | 189796832  | 192180524  | 184350480  | 186240751  | 2     |
| Aroclor-1242-2       | (2) | 290607708  | 295647931  | 305830174  | 302003732  | 299791360  | 298776181  | 2     |
| Aroclor-1242-3       | (3) | 164449629  | 167684461  | 173929682  | 174410736  | 176369820  | 171368866  | 3     |
| Aroclor-1242-4       | (4) | 136844790  | 140633719  | 146402846  | 139660276  | 152376540  | 143183634  | 4     |
| Aroclor-1242-5       | (5) | 138362947  | 141839337  | 145002188  | 138385972  | 141196180  | 140957325  | 2     |
| Decachlorobiphenyl   |     | 4729850460 | 4804993427 | 4858375920 | 4746069120 | 4160138600 | 4659885505 | 6     |
| Tetrachloro-m-xylene |     | 7348004600 | 7445204373 | 7532777260 | 7262019280 | 6694579200 | 7256516943 | 5     |
| Aroclor-1248-1       | (1) | 130126160  | 135244476  | 137909000  | 141742196  | 154206600  | 139845686  | 6     |
| Aroclor-1248-2       | (2) | 182893435  | 187680161  | 194064692  | 196392780  | 211353600  | 194476934  | 5     |
| Aroclor-1248-3       | (3) | 203368877  | 206306241  | 213983954  | 212927108  | 217587500  | 210834736  | 3     |
| Aroclor-1248-4       | (4) | 240181487  | 246210361  | 255848644  | 255957264  | 264773260  | 252594203  | 4     |
| Aroclor-1248-5       | (5) | 225312398  | 230738423  | 239469078  | 240115800  | 243213880  | 235769916  | 3     |
| Decachlorobiphenyl   |     | 4590720290 | 4647354867 | 4744288880 | 4661202760 | 4211361200 | 4570985599 | 5     |
| Tetrachloro-m-xylene |     | 7316541360 | 7442934853 | 7528054520 | 7402608560 | 7218400400 | 7381707939 | 2     |
| Aroclor-1254-1       | (1) | 240591852  | 247416493  | 258765478  | 257075152  | 263299240  | 253429643  | 3     |
| Aroclor-1254-2       | (2) | 346021204  | 353529297  | 371589652  | 368897016  | 412184820  | 370444398  | 7     |
| Aroclor-1254-3       | (3) | 372893964  | 380446979  | 397009938  | 384293176  | 389678940  | 384864599  | 2     |
| Aroclor-1254-4       | (4) | 315539209  | 321424513  | 336840998  | 326904952  | 342871860  | 328716306  | 3     |
| Aroclor-1254-5       | (5) | 295373361  | 300690525  | 312155076  | 300474784  | 300573260  | 301853401  | 2     |
| Decachlorobiphenyl   |     | 4791769470 | 4896862187 | 5061968640 | 4831244600 | 4661831200 | 4848735219 | 3     |
| Tetrachloro-m-xylene |     | 7410585440 | 7526809333 | 7802184660 | 7481754040 | 7408041400 | 7525874975 | 2     |
| Aroclor-1268-1       | (1) | 876279188  | 885717404  | 893041022  | 887529864  | 813508780  | 871215252  | 4     |

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|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 748334854  | 756337347  | 765525536  | 759915712  | 702804360  | 746583562  | 3 |
| Aroclor-1268-3       | (3) | 663299706  | 672085827  | 679866912  | 671661004  | 617886840  | 660960058  | 4 |
| Aroclor-1268-4       | (4) | 274155738  | 277531193  | 282310020  | 282161716  | 286808980  | 280593529  | 2 |
| Aroclor-1268-5       | (5) | 1966581606 | 1979440064 | 1985729368 | 1956798376 | 1807416340 | 1939193151 | 4 |
| Decachlorobiphenyl   |     | 8288385350 | 8396434587 | 8504946880 | 8419357920 | 7722111200 | 8266247187 | 4 |
| Tetrachloro-m-xylene |     | 7475792880 | 7636683133 | 7655291620 | 7597134240 | 7121440400 | 7497268455 | 3 |

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Lab Name: Alliance  
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Instrument ID: ECD\_O

Contract: REMI02  
SDG NO.: Q3534

Calibration Date(s): 11/04/2025 11/04/2025  
Calibration Times: 09:39 18:31

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

| LAB FILE ID:         |     |                     |            |                     |            |                     |            |                     |  |
|----------------------|-----|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|--|
| CF 1000 = PO114871.D |     | CF 750 = PO114872.D |            | CF 500 = PO114873.D |            | CF 250 = PO114874.D |            | CF 050 = PO114875.D |  |
| COMPOUND             |     | CF 1000             | CF 750     | CF 500              | CF 250     | CF 050              | CF         | % RSD               |  |
| Aroclor-1016-1       | (1) | 178795127           | 185535456  | 193106802           | 200932132  | 192907960           | 190255495  | 4                   |  |
| Aroclor-1016-2       | (2) | 260787154           | 267435697  | 277593168           | 286495324  | 262010880           | 270864445  | 4                   |  |
| Aroclor-1016-3       | (3) | 140310175           | 144533207  | 150201526           | 154962192  | 149858780           | 147973176  | 4                   |  |
| Aroclor-1016-4       | (4) | 108607533           | 112021955  | 117721682           | 122827936  | 125909940           | 117417809  | 6                   |  |
| Aroclor-1016-5       | (5) | 142235561           | 147493437  | 153611756           | 157990124  | 162236540           | 152713484  | 5                   |  |
| Aroclor-1260-1       | (1) | 272865489           | 283696256  | 302549666           | 306994580  | 314431380           | 296107474  | 5                   |  |
| Aroclor-1260-2       | (2) | 410849028           | 420744668  | 440173148           | 441650472  | 436738740           | 430031211  | 3                   |  |
| Aroclor-1260-3       | (3) | 328919579           | 344471297  | 362206406           | 366201912  | 353957800           | 351151399  | 4                   |  |
| Aroclor-1260-4       | (4) | 295043629           | 302500340  | 313130718           | 316509244  | 287959420           | 303028670  | 4                   |  |
| Aroclor-1260-5       | (5) | 819932115           | 830411719  | 851082708           | 846532168  | 760181660           | 821628074  | 4                   |  |
| Decachlorobiphenyl   |     | 3768213910          | 3862452533 | 4051635320          | 3997632280 | 3839185200          | 3903823849 | 3                   |  |
| Tetrachloro-m-xylene |     | 4444199150          | 4532189360 | 4610968540          | 4573862320 | 4172678600          | 4466779594 | 4                   |  |
| Aroclor-1242-1       | (1) | 138347633           | 144438088  | 149108388           | 148877560  | 150336280           | 146221590  | 3                   |  |
| Aroclor-1242-2       | (2) | 199908386           | 204961789  | 213926082           | 211880332  | 205062860           | 207147890  | 3                   |  |
| Aroclor-1242-3       | (3) | 108216818           | 112229521  | 116418372           | 113485296  | 109537600           | 111977521  | 3                   |  |
| Aroclor-1242-4       | (4) | 101919263           | 105301932  | 110004430           | 109236748  | 109193360           | 107131147  | 3                   |  |
| Aroclor-1242-5       | (5) | 135980897           | 140103160  | 145653410           | 150301700  | 142549620           | 142917757  | 4                   |  |
| Decachlorobiphenyl   |     | 4093300380          | 4301738307 | 4403735460          | 4338775160 | 4380898600          | 4303689581 | 3                   |  |
| Tetrachloro-m-xylene |     | 4800115840          | 4683347560 | 4961464680          | 4527345840 | 4437059000          | 4681866584 | 4                   |  |
| Aroclor-1248-1       | (1) | 101027399           | 105625799  | 111262386           | 113093188  | 115539800           | 109309714  | 5                   |  |
| Aroclor-1248-2       | (2) | 136540550           | 142594189  | 148530518           | 152692968  | 164144180           | 148900481  | 7                   |  |
| Aroclor-1248-3       | (3) | 143887712           | 149887199  | 155474250           | 158349236  | 169440400           | 155407759  | 6                   |  |
| Aroclor-1248-4       | (4) | 171266913           | 177666692  | 184171754           | 187513908  | 195642380           | 183252329  | 5                   |  |
| Aroclor-1248-5       | (5) | 174649655           | 180220384  | 187038042           | 189642400  | 190092660           | 184328628  | 3                   |  |
| Decachlorobiphenyl   |     | 4076042330          | 4166088587 | 4290124020          | 4403270520 | 4144788800          | 4216062851 | 3                   |  |
| Tetrachloro-m-xylene |     | 4758509080          | 4829545453 | 4892334280          | 4811209560 | 4727034000          | 4803726475 | 1                   |  |
| Aroclor-1254-1       | (1) | 275439068           | 284238351  | 300243386           | 299923620  | 341055960           | 300180077  | 8                   |  |
| Aroclor-1254-2       | (2) | 245333366           | 253279232  | 267984098           | 268318040  | 313122940           | 269607535  | 9                   |  |
| Aroclor-1254-3       | (3) | 398238109           | 410614839  | 430545692           | 426530308  | 445294740           | 422244738  | 4                   |  |
| Aroclor-1254-4       | (4) | 284785979           | 294895399  | 305027804           | 301955520  | 300306220           | 297394184  | 3                   |  |
| Aroclor-1254-5       | (5) | 385708423           | 392326712  | 409498118           | 398089984  | 402006780           | 397526003  | 2                   |  |
| Decachlorobiphenyl   |     | 4273373360          | 4367226933 | 4604811080          | 4533103920 | 4272134600          | 4410129979 | 3                   |  |
| Tetrachloro-m-xylene |     | 4791085320          | 4887004773 | 5044010700          | 4876428000 | 4843036000          | 4888312959 | 2                   |  |
| Aroclor-1268-1       | (1) | 948830555           | 965398547  | 981732904           | 993582148  | 991082540           | 976125339  | 2                   |  |

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|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 784312077  | 796694211  | 811227528  | 817006596  | 768929160  | 795633914  | 2 |
| Aroclor-1268-3       | (3) | 672635507  | 681509284  | 695723330  | 696225136  | 632763280  | 675771307  | 4 |
| Aroclor-1268-4       | (4) | 270862616  | 275402580  | 280086838  | 282372280  | 267609400  | 275266743  | 2 |
| Aroclor-1268-5       | (5) | 1768544208 | 1786014605 | 1818457210 | 1831952004 | 1717683400 | 1784530285 | 2 |
| Decachlorobiphenyl   |     | 7349980390 | 7437822467 | 7706201340 | 7861559120 | 8321979800 | 7735508623 | 5 |
| Tetrachloro-m-xylene |     | 4791521570 | 4902547960 | 4915920660 | 4883273320 | 4724156000 | 4843483902 | 2 |