

## Analytical Sequence

|                                         |                                                                     |
|-----------------------------------------|---------------------------------------------------------------------|
| Client: ATC Group Services LLC          | SDG No.: Q1438                                                      |
| Project: K084-SCA PCBs NYC - 2022SCA421 | Instrument ID: ECD_O                                                |
| GC Column: ZB-MR1                       | ID: 0.32 (mm)      Inst. Calib. Date(s): 02/20/2025      02/20/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 02/20/2025       | 16:28            | PO109425.D | 8.76        | 3.70        |
| AR1660ICC1000     | AR1660ICC1000    | 02/20/2025       | 16:46            | PO109426.D | 8.76        | 3.70        |
| AR1660ICC750      | AR1660ICC750     | 02/20/2025       | 17:04            | PO109427.D | 8.76        | 3.70        |
| AR1660ICC500      | AR1660ICC500     | 02/20/2025       | 17:23            | PO109428.D | 8.76        | 3.70        |
| AR1660ICC250      | AR1660ICC250     | 02/20/2025       | 17:41            | PO109429.D | 8.76        | 3.70        |
| AR1660ICC050      | AR1660ICC050     | 02/20/2025       | 17:59            | PO109430.D | 8.76        | 3.70        |
| AR1221ICC500      | AR1221ICC500     | 02/20/2025       | 18:18            | PO109431.D | 8.76        | 3.70        |
| AR1232ICC500      | AR1232ICC500     | 02/20/2025       | 18:36            | PO109432.D | 8.76        | 3.70        |
| AR1242ICC1000     | AR1242ICC1000    | 02/20/2025       | 18:55            | PO109433.D | 8.76        | 3.70        |
| AR1242ICC750      | AR1242ICC750     | 02/20/2025       | 19:13            | PO109434.D | 8.76        | 3.70        |
| AR1242ICC500      | AR1242ICC500     | 02/20/2025       | 19:31            | PO109435.D | 8.76        | 3.70        |
| AR1242ICC250      | AR1242ICC250     | 02/20/2025       | 19:50            | PO109436.D | 8.76        | 3.70        |
| AR1242ICC050      | AR1242ICC050     | 02/20/2025       | 20:08            | PO109437.D | 8.76        | 3.70        |
| AR1248ICC1000     | AR1248ICC1000    | 02/20/2025       | 20:26            | PO109438.D | 8.76        | 3.70        |
| AR1248ICC750      | AR1248ICC750     | 02/20/2025       | 20:45            | PO109439.D | 8.76        | 3.70        |
| AR1248ICC500      | AR1248ICC500     | 02/20/2025       | 21:03            | PO109440.D | 8.76        | 3.70        |
| AR1248ICC250      | AR1248ICC250     | 02/20/2025       | 21:21            | PO109441.D | 8.76        | 3.70        |
| AR1248ICC050      | AR1248ICC050     | 02/20/2025       | 21:40            | PO109442.D | 8.75        | 3.70        |
| AR1254ICC1000     | AR1254ICC1000    | 02/20/2025       | 21:58            | PO109443.D | 8.75        | 3.70        |
| AR1254ICC750      | AR1254ICC750     | 02/20/2025       | 22:17            | PO109444.D | 8.76        | 3.70        |
| AR1254ICC500      | AR1254ICC500     | 02/20/2025       | 22:35            | PO109445.D | 8.76        | 3.70        |
| AR1254ICC250      | AR1254ICC250     | 02/20/2025       | 22:53            | PO109446.D | 8.76        | 3.70        |
| AR1254ICC050      | AR1254ICC050     | 02/20/2025       | 23:12            | PO109447.D | 8.76        | 3.70        |
| AR1262ICC500      | AR1262ICC500     | 02/20/2025       | 23:30            | PO109448.D | 8.75        | 3.70        |
| AR1268ICC1000     | AR1268ICC1000    | 02/20/2025       | 23:48            | PO109449.D | 8.76        | 3.70        |
| AR1268ICC750      | AR1268ICC750     | 02/21/2025       | 00:07            | PO109450.D | 8.76        | 3.70        |
| AR1268ICC500      | AR1268ICC500     | 02/21/2025       | 00:25            | PO109451.D | 8.75        | 3.70        |
| AR1268ICC250      | AR1268ICC250     | 02/21/2025       | 00:43            | PO109452.D | 8.76        | 3.70        |
| AR1268ICC050      | AR1268ICC050     | 02/21/2025       | 01:02            | PO109453.D | 8.75        | 3.70        |
| AR1660CCC500      | AR1660CCC500     | 02/27/2025       | 10:32            | PO109518.D | 8.76        | 3.70        |
| IBLK              | IBLK             | 02/27/2025       | 11:45            | PO109522.D | 8.75        | 3.70        |
| PB166892BL        | PB166892BL       | 02/27/2025       | 13:16            | PO109524.D | 8.77        | 3.70        |
| PB166892BS        | PB166892BS       | 02/27/2025       | 13:35            | PO109525.D | 8.76        | 3.70        |
| K084-15B          | Q1438-02         | 02/27/2025       | 13:53            | PO109526.D | 8.76        | 3.70        |
| K084-16B          | Q1438-04         | 02/27/2025       | 14:11            | PO109527.D | 8.76        | 3.70        |
| K084-DUP1         | Q1438-06         | 02/27/2025       | 14:30            | PO109528.D | 8.76        | 3.70        |
| K084-DUP2         | Q1438-07         | 02/27/2025       | 14:48            | PO109529.D | 8.75        | 3.70        |
| K084-DUP3         | Q1438-08         | 02/27/2025       | 15:06            | PO109530.D | 8.76        | 3.70        |
| K084-DUP5         | Q1438-10         | 02/27/2025       | 15:25            | PO109531.D | 8.76        | 3.70        |
| AR1660CCC500      | AR1660CCC500     | 02/27/2025       | 17:49            | PO109533.D | 8.76        | 3.70        |
| IBLK              | IBLK             | 02/27/2025       | 20:12            | PO109537.D | 8.76        | 3.70        |
| 351MS             | Q1442-03MS       | 02/27/2025       | 21:44            | PO109542.D | 8.76        | 3.70        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| 351MSD       | Q1442-03MSD  | 02/27/2025 | 22:02 | PO109543.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 00:02 | PO109548.D | 8.76 | 3.70 |
| IBLK         | IBLK         | 02/28/2025 | 01:14 | PO109552.D | 8.76 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 10:57 | PO109579.D | 8.76 | 3.70 |
| IBLK         | IBLK         | 02/28/2025 | 11:16 | PO109580.D | 8.75 | 3.70 |
| K084-15BDL   | Q1438-02DL   | 02/28/2025 | 11:34 | PO109581.D | 8.75 | 3.70 |
| K084-16BDL   | Q1438-04DL   | 02/28/2025 | 11:52 | PO109582.D | 8.75 | 3.70 |
| K084-DUP1DL  | Q1438-06DL   | 02/28/2025 | 12:10 | PO109583.D | 8.75 | 3.70 |
| K084-DUP1DL2 | Q1438-06DL2  | 02/28/2025 | 12:28 | PO109584.D | 8.75 | 3.70 |
| K084-DUP2DL  | Q1438-07DL   | 02/28/2025 | 12:47 | PO109585.D | 8.75 | 3.70 |
| K084-DUP3DL  | Q1438-08DL   | 02/28/2025 | 13:04 | PO109586.D | 8.75 | 3.70 |
| K084-DUP3DL2 | Q1438-08DL2  | 02/28/2025 | 13:22 | PO109587.D | 0.00 | 0.00 |
| K084-DUP5DL  | Q1438-10DL   | 02/28/2025 | 13:41 | PO109588.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 18:46 | PO109600.D | 8.75 | 3.70 |
| IBLK         | IBLK         | 02/28/2025 | 19:04 | PO109601.D | 8.75 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 16:11 | PO109662.D | 8.76 | 3.70 |
| IBLK         | IBLK         | 03/06/2025 | 18:01 | PO109666.D | 8.76 | 3.70 |
| K084-15C     | Q1438-03     | 03/06/2025 | 20:47 | PO109675.D | 8.76 | 3.70 |
| K084-16C     | Q1438-05     | 03/06/2025 | 21:04 | PO109676.D | 8.75 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 22:19 | PO109677.D | 8.75 | 3.70 |
| IBLK         | IBLK         | 03/07/2025 | 00:09 | PO109681.D | 8.76 | 3.70 |
| PB167022BL   | PB167022BL   | 03/07/2025 | 00:28 | PO109682.D | 8.75 | 3.70 |
| PB167022BS   | PB167022BS   | 03/07/2025 | 00:46 | PO109683.D | 8.76 | 3.70 |
| K084-4CMS    | Q1434-02MS   | 03/07/2025 | 02:18 | PO109688.D | 8.75 | 3.70 |
| K084-4CMSD   | Q1434-02MSD  | 03/07/2025 | 02:37 | PO109689.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 04:29 | PO109692.D | 8.75 | 3.70 |
| IBLK         | IBLK         | 03/07/2025 | 06:19 | PO109696.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 08:58 | PO109698.D | 8.75 | 3.70 |
| IBLK         | IBLK         | 03/07/2025 | 09:17 | PO109699.D | 8.75 | 3.70 |
| K084-15CDL   | Q1438-03DL   | 03/07/2025 | 09:55 | PO109701.D | 8.75 | 3.70 |
| K084-16CDL   | Q1438-05DL   | 03/07/2025 | 10:12 | PO109702.D | 8.75 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 12:30 | PO109708.D | 8.75 | 3.70 |
| IBLK         | IBLK         | 03/07/2025 | 13:42 | PO109712.D | 8.75 | 3.70 |

## Analytical Sequence

|                                         |                                                                     |
|-----------------------------------------|---------------------------------------------------------------------|
| Client: ATC Group Services LLC          | SDG No.: Q1438                                                      |
| Project: K084-SCA PCBs NYC - 2022SCA421 | Instrument ID: ECD_O                                                |
| GC Column: ZB-MR2                       | ID: 0.32 (mm)      Inst. Calib. Date(s): 02/20/2025      02/20/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 02/20/2025       | 16:28            | PO109425.D | 8.71        | 3.69        |
| AR1660ICC1000     | AR1660ICC1000    | 02/20/2025       | 16:46            | PO109426.D | 8.71        | 3.69        |
| AR1660ICC750      | AR1660ICC750     | 02/20/2025       | 17:04            | PO109427.D | 8.71        | 3.69        |
| AR1660ICC500      | AR1660ICC500     | 02/20/2025       | 17:23            | PO109428.D | 8.71        | 3.69        |
| AR1660ICC250      | AR1660ICC250     | 02/20/2025       | 17:41            | PO109429.D | 8.71        | 3.69        |
| AR1660ICC050      | AR1660ICC050     | 02/20/2025       | 17:59            | PO109430.D | 8.71        | 3.69        |
| AR1221ICC500      | AR1221ICC500     | 02/20/2025       | 18:18            | PO109431.D | 8.71        | 3.69        |
| AR1232ICC500      | AR1232ICC500     | 02/20/2025       | 18:36            | PO109432.D | 8.71        | 3.69        |
| AR1242ICC1000     | AR1242ICC1000    | 02/20/2025       | 18:55            | PO109433.D | 8.71        | 3.69        |
| AR1242ICC750      | AR1242ICC750     | 02/20/2025       | 19:13            | PO109434.D | 8.71        | 3.69        |
| AR1242ICC500      | AR1242ICC500     | 02/20/2025       | 19:31            | PO109435.D | 8.71        | 3.69        |
| AR1242ICC250      | AR1242ICC250     | 02/20/2025       | 19:50            | PO109436.D | 8.71        | 3.69        |
| AR1242ICC050      | AR1242ICC050     | 02/20/2025       | 20:08            | PO109437.D | 8.71        | 3.69        |
| AR1248ICC1000     | AR1248ICC1000    | 02/20/2025       | 20:26            | PO109438.D | 8.71        | 3.69        |
| AR1248ICC750      | AR1248ICC750     | 02/20/2025       | 20:45            | PO109439.D | 8.71        | 3.69        |
| AR1248ICC500      | AR1248ICC500     | 02/20/2025       | 21:03            | PO109440.D | 8.71        | 3.69        |
| AR1248ICC250      | AR1248ICC250     | 02/20/2025       | 21:21            | PO109441.D | 8.71        | 3.69        |
| AR1248ICC050      | AR1248ICC050     | 02/20/2025       | 21:40            | PO109442.D | 8.71        | 3.69        |
| AR1254ICC1000     | AR1254ICC1000    | 02/20/2025       | 21:58            | PO109443.D | 8.71        | 3.69        |
| AR1254ICC750      | AR1254ICC750     | 02/20/2025       | 22:17            | PO109444.D | 8.71        | 3.69        |
| AR1254ICC500      | AR1254ICC500     | 02/20/2025       | 22:35            | PO109445.D | 8.71        | 3.69        |
| AR1254ICC250      | AR1254ICC250     | 02/20/2025       | 22:53            | PO109446.D | 8.71        | 3.69        |
| AR1254ICC050      | AR1254ICC050     | 02/20/2025       | 23:12            | PO109447.D | 8.71        | 3.69        |
| AR1262ICC500      | AR1262ICC500     | 02/20/2025       | 23:30            | PO109448.D | 8.71        | 3.69        |
| AR1268ICC1000     | AR1268ICC1000    | 02/20/2025       | 23:48            | PO109449.D | 8.71        | 3.69        |
| AR1268ICC750      | AR1268ICC750     | 02/21/2025       | 00:07            | PO109450.D | 8.71        | 3.69        |
| AR1268ICC500      | AR1268ICC500     | 02/21/2025       | 00:25            | PO109451.D | 8.71        | 3.69        |
| AR1268ICC250      | AR1268ICC250     | 02/21/2025       | 00:43            | PO109452.D | 8.71        | 3.69        |
| AR1268ICC050      | AR1268ICC050     | 02/21/2025       | 01:02            | PO109453.D | 8.70        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 02/27/2025       | 10:32            | PO109518.D | 8.71        | 3.69        |
| IBLK              | IBLK             | 02/27/2025       | 11:45            | PO109522.D | 8.71        | 3.69        |
| PB166892BL        | PB166892BL       | 02/27/2025       | 13:16            | PO109524.D | 8.71        | 3.69        |
| PB166892BS        | PB166892BS       | 02/27/2025       | 13:35            | PO109525.D | 8.71        | 3.69        |
| K084-15B          | Q1438-02         | 02/27/2025       | 13:53            | PO109526.D | 8.71        | 3.69        |
| K084-16B          | Q1438-04         | 02/27/2025       | 14:11            | PO109527.D | 8.70        | 3.69        |
| K084-DUP1         | Q1438-06         | 02/27/2025       | 14:30            | PO109528.D | 8.71        | 3.69        |
| K084-DUP2         | Q1438-07         | 02/27/2025       | 14:48            | PO109529.D | 8.70        | 3.69        |
| K084-DUP3         | Q1438-08         | 02/27/2025       | 15:06            | PO109530.D | 8.71        | 3.69        |
| K084-DUP5         | Q1438-10         | 02/27/2025       | 15:25            | PO109531.D | 8.71        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 02/27/2025       | 17:49            | PO109533.D | 8.71        | 3.70        |
| IBLK              | IBLK             | 02/27/2025       | 20:12            | PO109537.D | 8.71        | 3.70        |
| 351MS             | Q1442-03MS       | 02/27/2025       | 21:44            | PO109542.D | 8.71        | 3.70        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| 351MSD       | Q1442-03MSD  | 02/27/2025 | 22:02 | PO109543.D | 8.71 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 00:02 | PO109548.D | 8.71 | 3.70 |
| IBLK         | IBLK         | 02/28/2025 | 01:14 | PO109552.D | 8.71 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 10:57 | PO109579.D | 8.71 | 3.69 |
| IBLK         | IBLK         | 02/28/2025 | 11:16 | PO109580.D | 8.71 | 3.69 |
| K084-15BDL   | Q1438-02DL   | 02/28/2025 | 11:34 | PO109581.D | 8.71 | 3.69 |
| K084-16BDL   | Q1438-04DL   | 02/28/2025 | 11:52 | PO109582.D | 8.71 | 3.69 |
| K084-DUP1DL  | Q1438-06DL   | 02/28/2025 | 12:10 | PO109583.D | 8.70 | 3.69 |
| K084-DUP1DL2 | Q1438-06DL2  | 02/28/2025 | 12:28 | PO109584.D | 8.71 | 3.69 |
| K084-DUP2DL  | Q1438-07DL   | 02/28/2025 | 12:47 | PO109585.D | 8.70 | 3.69 |
| K084-DUP3DL  | Q1438-08DL   | 02/28/2025 | 13:04 | PO109586.D | 8.71 | 3.69 |
| K084-DUP3DL2 | Q1438-08DL2  | 02/28/2025 | 13:22 | PO109587.D | 0.00 | 0.00 |
| K084-DUP5DL  | Q1438-10DL   | 02/28/2025 | 13:41 | PO109588.D | 8.71 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 18:46 | PO109600.D | 8.71 | 3.70 |
| IBLK         | IBLK         | 02/28/2025 | 19:04 | PO109601.D | 8.71 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 16:11 | PO109662.D | 8.71 | 3.70 |
| IBLK         | IBLK         | 03/06/2025 | 18:01 | PO109666.D | 8.71 | 3.69 |
| K084-15C     | Q1438-03     | 03/06/2025 | 20:47 | PO109675.D | 8.71 | 3.69 |
| K084-16C     | Q1438-05     | 03/06/2025 | 21:04 | PO109676.D | 8.71 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 22:19 | PO109677.D | 8.71 | 3.69 |
| IBLK         | IBLK         | 03/07/2025 | 00:09 | PO109681.D | 8.71 | 3.69 |
| PB167022BL   | PB167022BL   | 03/07/2025 | 00:28 | PO109682.D | 8.71 | 3.69 |
| PB167022BS   | PB167022BS   | 03/07/2025 | 00:46 | PO109683.D | 8.71 | 3.69 |
| K084-4CMS    | Q1434-02MS   | 03/07/2025 | 02:18 | PO109688.D | 8.71 | 3.69 |
| K084-4CMSD   | Q1434-02MSD  | 03/07/2025 | 02:37 | PO109689.D | 8.70 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 04:29 | PO109692.D | 8.71 | 3.70 |
| IBLK         | IBLK         | 03/07/2025 | 06:19 | PO109696.D | 8.70 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 08:58 | PO109698.D | 8.70 | 3.69 |
| IBLK         | IBLK         | 03/07/2025 | 09:17 | PO109699.D | 8.70 | 3.69 |
| K084-15CDL   | Q1438-03DL   | 03/07/2025 | 09:55 | PO109701.D | 8.70 | 3.69 |
| K084-16CDL   | Q1438-05DL   | 03/07/2025 | 10:12 | PO109702.D | 8.70 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 12:30 | PO109708.D | 8.71 | 3.69 |
| IBLK         | IBLK         | 03/07/2025 | 13:42 | PO109712.D | 8.71 | 3.69 |