



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

### Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: 04699

Project: LOD-LOQ Study

Instrument ID: ECD\_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/26/2023

09/26/2023

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             | 09/26/2023       | 16:34            | PP060248.D | 10.46       | 4.53        |
| AR1660ICC1000         | AR1660ICC1000    | 09/26/2023       | 16:50            | PP060249.D | 10.46       | 4.53        |
| AR1660ICC750          | AR1660ICC750     | 09/26/2023       | 17:07            | PP060250.D | 10.46       | 4.53        |
| AR1660ICC500          | AR1660ICC500     | 09/26/2023       | 17:23            | PP060251.D | 10.46       | 4.53        |
| AR1660ICC250          | AR1660ICC250     | 09/26/2023       | 17:39            | PP060252.D | 10.46       | 4.53        |
| AR1660ICC050          | AR1660ICC050     | 09/26/2023       | 17:56            | PP060253.D | 10.46       | 4.53        |
| AR1221ICC500          | AR1221ICC500     | 09/26/2023       | 18:12            | PP060254.D | 10.45       | 4.53        |
| AR1232ICC500          | AR1232ICC500     | 09/26/2023       | 18:28            | PP060255.D | 10.47       | 4.55        |
| AR1242ICC1000         | AR1242ICC1000    | 09/26/2023       | 18:45            | PP060256.D | 10.46       | 4.53        |
| AR1242ICC750          | AR1242ICC750     | 09/26/2023       | 19:01            | PP060257.D | 10.46       | 4.53        |
| AR1242ICC500          | AR1242ICC500     | 09/26/2023       | 19:17            | PP060258.D | 10.46       | 4.53        |
| AR1242ICC250          | AR1242ICC250     | 09/26/2023       | 19:34            | PP060259.D | 10.45       | 4.53        |
| AR1242ICC050          | AR1242ICC050     | 09/26/2023       | 19:50            | PP060260.D | 10.46       | 4.53        |
| AR1248ICC1000         | AR1248ICC1000    | 09/26/2023       | 20:07            | PP060261.D | 10.46       | 4.53        |
| AR1248ICC750          | AR1248ICC750     | 09/26/2023       | 20:23            | PP060262.D | 10.46       | 4.53        |
| AR1248ICC500          | AR1248ICC500     | 09/26/2023       | 20:39            | PP060263.D | 10.45       | 4.53        |
| AR1248ICC250          | AR1248ICC250     | 09/26/2023       | 20:56            | PP060264.D | 10.45       | 4.53        |
| AR1248ICC050          | AR1248ICC050     | 09/26/2023       | 21:12            | PP060265.D | 10.45       | 4.53        |
| AR1254ICC1000         | AR1254ICC1000    | 09/26/2023       | 21:28            | PP060266.D | 10.45       | 4.53        |
| AR1254ICC750          | AR1254ICC750     | 09/26/2023       | 21:45            | PP060267.D | 10.45       | 4.53        |
| AR1254ICC500          | AR1254ICC500     | 09/26/2023       | 22:01            | PP060268.D | 10.45       | 4.53        |
| AR1254ICC250          | AR1254ICC250     | 09/26/2023       | 22:17            | PP060269.D | 10.46       | 4.53        |
| AR1254ICC050          | AR1254ICC050     | 09/26/2023       | 22:34            | PP060270.D | 10.45       | 4.53        |
| AR1262ICC500          | AR1262ICC500     | 09/26/2023       | 22:50            | PP060271.D | 10.45       | 4.53        |
| AR1268ICC1000         | AR1268ICC1000    | 09/26/2023       | 23:06            | PP060272.D | 10.46       | 4.53        |
| AR1268ICC750          | AR1268ICC750     | 09/26/2023       | 23:23            | PP060273.D | 10.46       | 4.53        |
| AR1268ICC500          | AR1268ICC500     | 09/26/2023       | 23:39            | PP060274.D | 10.45       | 4.53        |
| AR1268ICC250          | AR1268ICC250     | 09/26/2023       | 23:55            | PP060275.D | 10.45       | 4.53        |
| AR1268ICC050          | AR1268ICC050     | 09/27/2023       | 00:11            | PP060276.D | 10.45       | 4.53        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 03:07            | PP060801.D | 10.46       | 4.53        |
| IBLK                  | IBLK             | 10/10/2023       | 03:23            | PP060802.D | 10.46       | 4.53        |
| LOQ-WATER-02-QT4-2023 | O4699-08         | 10/10/2023       | 04:45            | PP060807.D | 10.46       | 4.53        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 06:07            | PP060812.D | 10.46       | 4.53        |
| IBLK                  | IBLK             | 10/10/2023       | 06:23            | PP060813.D | 10.46       | 4.53        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 13:12            | PP060837.D | 10.46       | 4.53        |
| IBLK                  | IBLK             | 10/10/2023       | 13:29            | PP060838.D | 10.46       | 4.53        |
| LOQ-WATER-02-QT4-2023 | O4699-08         | 10/10/2023       | 13:45            | PP060839.D | 10.46       | 4.53        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 16:13            | PP060848.D | 10.46       | 4.53        |
| IBLK                  | IBLK             | 10/10/2023       | 17:19            | PP060852.D | 10.46       | 4.53        |



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### Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: O4699

Project: LOD-LOQ Study

Instrument ID: ECD\_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/26/2023

09/26/2023

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             | 09/26/2023       | 16:34            | PP060248.D | 8.75        | 3.69        |
| AR1660ICC1000         | AR1660ICC1000    | 09/26/2023       | 16:50            | PP060249.D | 8.75        | 3.69        |
| AR1660ICC750          | AR1660ICC750     | 09/26/2023       | 17:07            | PP060250.D | 8.75        | 3.69        |
| AR1660ICC500          | AR1660ICC500     | 09/26/2023       | 17:23            | PP060251.D | 8.75        | 3.68        |
| AR1660ICC250          | AR1660ICC250     | 09/26/2023       | 17:39            | PP060252.D | 8.75        | 3.68        |
| AR1660ICC050          | AR1660ICC050     | 09/26/2023       | 17:56            | PP060253.D | 8.75        | 3.69        |
| AR1221ICC500          | AR1221ICC500     | 09/26/2023       | 18:12            | PP060254.D | 8.75        | 3.69        |
| AR1232ICC500          | AR1232ICC500     | 09/26/2023       | 18:28            | PP060255.D | 8.75        | 3.69        |
| AR1242ICC1000         | AR1242ICC1000    | 09/26/2023       | 18:45            | PP060256.D | 8.75        | 3.69        |
| AR1242ICC750          | AR1242ICC750     | 09/26/2023       | 19:01            | PP060257.D | 8.75        | 3.69        |
| AR1242ICC500          | AR1242ICC500     | 09/26/2023       | 19:17            | PP060258.D | 8.75        | 3.69        |
| AR1242ICC250          | AR1242ICC250     | 09/26/2023       | 19:34            | PP060259.D | 8.75        | 3.69        |
| AR1242ICC050          | AR1242ICC050     | 09/26/2023       | 19:50            | PP060260.D | 8.75        | 3.69        |
| AR1248ICC1000         | AR1248ICC1000    | 09/26/2023       | 20:07            | PP060261.D | 8.75        | 3.68        |
| AR1248ICC750          | AR1248ICC750     | 09/26/2023       | 20:23            | PP060262.D | 8.75        | 3.69        |
| AR1248ICC500          | AR1248ICC500     | 09/26/2023       | 20:39            | PP060263.D | 8.75        | 3.68        |
| AR1248ICC250          | AR1248ICC250     | 09/26/2023       | 20:56            | PP060264.D | 8.77        | 3.70        |
| AR1248ICC050          | AR1248ICC050     | 09/26/2023       | 21:12            | PP060265.D | 8.75        | 3.68        |
| AR1254ICC1000         | AR1254ICC1000    | 09/26/2023       | 21:28            | PP060266.D | 8.75        | 3.68        |
| AR1254ICC750          | AR1254ICC750     | 09/26/2023       | 21:45            | PP060267.D | 8.75        | 3.68        |
| AR1254ICC500          | AR1254ICC500     | 09/26/2023       | 22:01            | PP060268.D | 8.75        | 3.68        |
| AR1254ICC250          | AR1254ICC250     | 09/26/2023       | 22:17            | PP060269.D | 8.75        | 3.68        |
| AR1254ICC050          | AR1254ICC050     | 09/26/2023       | 22:34            | PP060270.D | 8.75        | 3.68        |
| AR1262ICC500          | AR1262ICC500     | 09/26/2023       | 22:50            | PP060271.D | 8.75        | 3.68        |
| AR1268ICC1000         | AR1268ICC1000    | 09/26/2023       | 23:06            | PP060272.D | 8.75        | 3.69        |
| AR1268ICC750          | AR1268ICC750     | 09/26/2023       | 23:23            | PP060273.D | 8.75        | 3.69        |
| AR1268ICC500          | AR1268ICC500     | 09/26/2023       | 23:39            | PP060274.D | 8.75        | 3.68        |
| AR1268ICC250          | AR1268ICC250     | 09/26/2023       | 23:55            | PP060275.D | 8.75        | 3.68        |
| AR1268ICC050          | AR1268ICC050     | 09/27/2023       | 00:11            | PP060276.D | 8.75        | 3.68        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 03:07            | PP060801.D | 8.75        | 3.68        |
| IBLK                  | IBLK             | 10/10/2023       | 03:23            | PP060802.D | 8.75        | 3.68        |
| LOQ-WATER-02-QT4-2023 | O4699-08         | 10/10/2023       | 04:45            | PP060807.D | 8.75        | 3.68        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 06:07            | PP060812.D | 8.75        | 3.68        |
| IBLK                  | IBLK             | 10/10/2023       | 06:23            | PP060813.D | 8.75        | 3.68        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 13:12            | PP060837.D | 8.75        | 3.68        |
| IBLK                  | IBLK             | 10/10/2023       | 13:29            | PP060838.D | 8.75        | 3.68        |
| LOQ-WATER-02-QT4-2023 | O4699-08         | 10/10/2023       | 13:45            | PP060839.D | 8.75        | 3.68        |
| AR1660CCC500          | AR1660CCC500     | 10/10/2023       | 16:13            | PP060848.D | 8.75        | 3.68        |
| IBLK                  | IBLK             | 10/10/2023       | 17:19            | PP060852.D | 8.75        | 3.68        |