

## Analytical Sequence

Client: Nobis Group

SDG No.: Q2639

Project: Raymark Superfund Site

Instrument ID: ECD\_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/08/2025

07/08/2025

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

| CLIENT ID        | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK             | IBLK             | 07/08/2025       | 13:49            | PO112087.D | 8.70        | 3.67        |
| AR1660ICC1000    | AR1660ICC1000    | 07/08/2025       | 14:06            | PO112088.D | 8.70        | 3.67        |
| AR1660ICC750     | AR1660ICC750     | 07/08/2025       | 14:25            | PO112089.D | 8.70        | 3.67        |
| AR1660ICC500     | AR1660ICC500     | 07/08/2025       | 14:43            | PO112090.D | 8.70        | 3.67        |
| AR1660ICC250     | AR1660ICC250     | 07/08/2025       | 15:02            | PO112091.D | 8.70        | 3.67        |
| AR1660ICC050     | AR1660ICC050     | 07/08/2025       | 15:21            | PO112092.D | 8.70        | 3.67        |
| AR1221ICC500     | AR1221ICC500     | 07/08/2025       | 15:38            | PO112093.D | 8.70        | 3.67        |
| AR1232ICC500     | AR1232ICC500     | 07/08/2025       | 15:57            | PO112094.D | 8.70        | 3.67        |
| AR1242ICC1000    | AR1242ICC1000    | 07/08/2025       | 16:15            | PO112095.D | 8.70        | 3.67        |
| AR1242ICC750     | AR1242ICC750     | 07/08/2025       | 16:34            | PO112096.D | 8.70        | 3.67        |
| AR1242ICC500     | AR1242ICC500     | 07/08/2025       | 16:52            | PO112097.D | 8.70        | 3.67        |
| AR1242ICC250     | AR1242ICC250     | 07/08/2025       | 17:11            | PO112098.D | 8.70        | 3.67        |
| AR1242ICC050     | AR1242ICC050     | 07/08/2025       | 17:29            | PO112099.D | 8.70        | 3.67        |
| AR1248ICC1000    | AR1248ICC1000    | 07/08/2025       | 17:48            | PO112100.D | 8.70        | 3.67        |
| AR1248ICC750     | AR1248ICC750     | 07/08/2025       | 18:05            | PO112101.D | 8.70        | 3.67        |
| AR1248ICC500     | AR1248ICC500     | 07/08/2025       | 18:24            | PO112102.D | 8.70        | 3.67        |
| AR1248ICC250     | AR1248ICC250     | 07/08/2025       | 18:41            | PO112103.D | 8.70        | 3.67        |
| AR1248ICC050     | AR1248ICC050     | 07/08/2025       | 18:59            | PO112104.D | 8.70        | 3.67        |
| AR1254ICC1000    | AR1254ICC1000    | 07/08/2025       | 19:18            | PO112105.D | 8.70        | 3.67        |
| AR1254ICC750     | AR1254ICC750     | 07/08/2025       | 19:35            | PO112106.D | 8.70        | 3.67        |
| AR1254ICC500     | AR1254ICC500     | 07/08/2025       | 19:54            | PO112107.D | 8.70        | 3.67        |
| AR1254ICC250     | AR1254ICC250     | 07/08/2025       | 20:11            | PO112108.D | 8.70        | 3.67        |
| AR1254ICC050     | AR1254ICC050     | 07/08/2025       | 20:28            | PO112109.D | 8.70        | 3.67        |
| AR1262ICC500     | AR1262ICC500     | 07/08/2025       | 20:47            | PO112110.D | 8.70        | 3.67        |
| AR1268ICC1000    | AR1268ICC1000    | 07/08/2025       | 21:04            | PO112111.D | 8.70        | 3.67        |
| AR1268ICC750     | AR1268ICC750     | 07/08/2025       | 21:22            | PO112112.D | 8.70        | 3.67        |
| AR1268ICC500     | AR1268ICC500     | 07/08/2025       | 21:39            | PO112113.D | 8.70        | 3.67        |
| AR1268ICC250     | AR1268ICC250     | 07/08/2025       | 21:57            | PO112114.D | 8.70        | 3.67        |
| AR1268ICC050     | AR1268ICC050     | 07/08/2025       | 22:16            | PO112115.D | 8.70        | 3.67        |
| AR1660CCC500     | AR1660CCC500     | 07/21/2025       | 10:15            | PO112332.D | 8.70        | 3.67        |
| IBLK             | IBLK             | 07/21/2025       | 12:34            | PO112336.D | 8.70        | 3.67        |
| OU4-TS-39-071725 | Q2639-03         | 07/21/2025       | 13:11            | PO112338.D | 8.70        | 3.67        |
| OU4-TS-40-071725 | Q2639-05         | 07/21/2025       | 13:30            | PO112339.D | 8.70        | 3.67        |
| OU4-TS-41-071725 | Q2639-07         | 07/21/2025       | 13:47            | PO112340.D | 8.70        | 3.67        |
| AR1660CCC500     | AR1660CCC500     | 07/21/2025       | 16:10            | PO112346.D | 8.70        | 3.67        |
| IBLK             | IBLK             | 07/21/2025       | 17:38            | PO112350.D | 8.70        | 3.67        |
| AR1660CCC500     | AR1660CCC500     | 07/22/2025       | 08:57            | PO112366.D | 8.70        | 3.67        |
| IBLK             | IBLK             | 07/22/2025       | 10:08            | PO112370.D | 8.70        | 3.67        |
| OU4-TS-42-071725 | Q2639-09         | 07/22/2025       | 11:08            | PO112372.D | 8.70        | 3.67        |
| OU4-TS-43-071725 | Q2639-11         | 07/22/2025       | 11:26            | PO112373.D | 8.70        | 3.67        |
| OU4-TS-44-071725 | Q2639-13         | 07/22/2025       | 11:44            | PO112374.D | 8.70        | 3.67        |
| AR1660CCC500     | AR1660CCC500     | 07/22/2025       | 16:21            | PO112381.D | 8.70        | 3.67        |

### Analytical Sequence

|                  |               |            |       |            |       |      |
|------------------|---------------|------------|-------|------------|-------|------|
| IBLK             | IBLK          | 07/22/2025 | 17:32 | PO112385.D | 8.70  | 3.67 |
| IBLK             | IBLK          | 07/07/2025 | 20:30 | PP073553.D | 10.18 | 4.49 |
| AR1660ICC1000    | AR1660ICC1000 | 07/07/2025 | 21:03 | PP073554.D | 10.18 | 4.49 |
| AR1660ICC750     | AR1660ICC750  | 07/07/2025 | 21:19 | PP073555.D | 10.18 | 4.49 |
| AR1660ICC500     | AR1660ICC500  | 07/07/2025 | 21:35 | PP073556.D | 10.18 | 4.49 |
| AR1660ICC250     | AR1660ICC250  | 07/07/2025 | 21:52 | PP073557.D | 10.18 | 4.49 |
| AR1660ICC050     | AR1660ICC050  | 07/07/2025 | 22:08 | PP073558.D | 10.17 | 4.49 |
| AR1221ICC500     | AR1221ICC500  | 07/07/2025 | 22:24 | PP073559.D | 10.18 | 4.49 |
| AR1232ICC500     | AR1232ICC500  | 07/07/2025 | 22:41 | PP073560.D | 10.18 | 4.49 |
| AR1242ICC1000    | AR1242ICC1000 | 07/07/2025 | 22:57 | PP073561.D | 10.18 | 4.49 |
| AR1242ICC750     | AR1242ICC750  | 07/07/2025 | 23:14 | PP073562.D | 10.18 | 4.49 |
| AR1242ICC500     | AR1242ICC500  | 07/07/2025 | 23:30 | PP073563.D | 10.17 | 4.49 |
| AR1242ICC250     | AR1242ICC250  | 07/07/2025 | 23:46 | PP073564.D | 10.18 | 4.49 |
| AR1242ICC050     | AR1242ICC050  | 07/08/2025 | 00:03 | PP073565.D | 10.17 | 4.49 |
| AR1248ICC1000    | AR1248ICC1000 | 07/08/2025 | 00:19 | PP073566.D | 10.18 | 4.49 |
| AR1248ICC750     | AR1248ICC750  | 07/08/2025 | 00:35 | PP073567.D | 10.18 | 4.49 |
| AR1248ICC500     | AR1248ICC500  | 07/08/2025 | 00:52 | PP073568.D | 10.17 | 4.49 |
| AR1248ICC250     | AR1248ICC250  | 07/08/2025 | 01:08 | PP073569.D | 10.18 | 4.49 |
| AR1248ICC050     | AR1248ICC050  | 07/08/2025 | 01:25 | PP073570.D | 10.17 | 4.49 |
| AR1254ICC1000    | AR1254ICC1000 | 07/08/2025 | 01:41 | PP073571.D | 10.18 | 4.49 |
| AR1254ICC750     | AR1254ICC750  | 07/08/2025 | 01:57 | PP073572.D | 10.18 | 4.49 |
| AR1254ICC500     | AR1254ICC500  | 07/08/2025 | 02:14 | PP073573.D | 10.17 | 4.49 |
| AR1254ICC250     | AR1254ICC250  | 07/08/2025 | 02:30 | PP073574.D | 10.18 | 4.49 |
| AR1254ICC050     | AR1254ICC050  | 07/08/2025 | 02:46 | PP073575.D | 10.18 | 4.49 |
| AR1262ICC500     | AR1262ICC500  | 07/08/2025 | 03:03 | PP073576.D | 10.18 | 4.49 |
| AR1268ICC1000    | AR1268ICC1000 | 07/08/2025 | 03:19 | PP073577.D | 10.18 | 4.49 |
| AR1268ICC750     | AR1268ICC750  | 07/08/2025 | 03:35 | PP073578.D | 10.18 | 4.49 |
| AR1268ICC500     | AR1268ICC500  | 07/08/2025 | 03:52 | PP073579.D | 10.18 | 4.49 |
| AR1268ICC250     | AR1268ICC250  | 07/08/2025 | 04:08 | PP073580.D | 10.17 | 4.49 |
| AR1268ICC050     | AR1268ICC050  | 07/08/2025 | 04:24 | PP073581.D | 10.18 | 4.49 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 08:51 | PP073972.D | 10.17 | 4.48 |
| IBLK             | IBLK          | 07/21/2025 | 09:56 | PP073976.D | 10.17 | 4.48 |
| RT2286MS         | Q2635-01MS    | 07/21/2025 | 13:40 | PP073984.D | 10.17 | 4.48 |
| RT2286MSD        | Q2635-01MSD   | 07/21/2025 | 13:56 | PP073985.D | 10.17 | 4.49 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 15:18 | PP073987.D | 10.17 | 4.48 |
| AR1254CCC500     | AR1254CCC500  | 07/21/2025 | 16:07 | PP073990.D | 10.17 | 4.48 |
| IBLK             | IBLK          | 07/21/2025 | 16:23 | PP073991.D | 10.17 | 4.48 |
| PB168927BL       | PB168927BL    | 07/21/2025 | 16:39 | PP073992.D | 10.17 | 4.48 |
| PB168927BS       | PB168927BS    | 07/21/2025 | 16:56 | PP073993.D | 10.17 | 4.49 |
| OU4-TS-38-071725 | Q2639-01      | 07/21/2025 | 19:07 | PP074001.D | 10.17 | 4.48 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 20:12 | PP074002.D | 10.17 | 4.48 |
| AR1254CCC500     | AR1254CCC500  | 07/21/2025 | 21:17 | PP074005.D | 10.17 | 4.48 |
| IBLK             | IBLK          | 07/21/2025 | 21:34 | PP074006.D | 10.16 | 4.48 |

## Analytical Sequence

Client: Nobis Group

SDG No.: Q2639

Project: Raymark Superfund Site

Instrument ID: ECD\_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/08/2025

07/08/2025

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

| CLIENT ID        | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK             | IBLK             | 07/08/2025       | 13:49            | PO112087.D | 8.65        | 3.67        |
| AR1660ICC1000    | AR1660ICC1000    | 07/08/2025       | 14:06            | PO112088.D | 8.65        | 3.67        |
| AR1660ICC750     | AR1660ICC750     | 07/08/2025       | 14:25            | PO112089.D | 8.65        | 3.67        |
| AR1660ICC500     | AR1660ICC500     | 07/08/2025       | 14:43            | PO112090.D | 8.67        | 3.68        |
| AR1660ICC250     | AR1660ICC250     | 07/08/2025       | 15:02            | PO112091.D | 8.65        | 3.67        |
| AR1660ICC050     | AR1660ICC050     | 07/08/2025       | 15:21            | PO112092.D | 8.65        | 3.67        |
| AR1221ICC500     | AR1221ICC500     | 07/08/2025       | 15:38            | PO112093.D | 8.65        | 3.67        |
| AR1232ICC500     | AR1232ICC500     | 07/08/2025       | 15:57            | PO112094.D | 8.65        | 3.67        |
| AR1242ICC1000    | AR1242ICC1000    | 07/08/2025       | 16:15            | PO112095.D | 8.65        | 3.67        |
| AR1242ICC750     | AR1242ICC750     | 07/08/2025       | 16:34            | PO112096.D | 8.65        | 3.67        |
| AR1242ICC500     | AR1242ICC500     | 07/08/2025       | 16:52            | PO112097.D | 8.65        | 3.67        |
| AR1242ICC250     | AR1242ICC250     | 07/08/2025       | 17:11            | PO112098.D | 8.65        | 3.67        |
| AR1242ICC050     | AR1242ICC050     | 07/08/2025       | 17:29            | PO112099.D | 8.65        | 3.67        |
| AR1248ICC1000    | AR1248ICC1000    | 07/08/2025       | 17:48            | PO112100.D | 8.65        | 3.67        |
| AR1248ICC750     | AR1248ICC750     | 07/08/2025       | 18:05            | PO112101.D | 8.65        | 3.67        |
| AR1248ICC500     | AR1248ICC500     | 07/08/2025       | 18:24            | PO112102.D | 8.65        | 3.67        |
| AR1248ICC250     | AR1248ICC250     | 07/08/2025       | 18:41            | PO112103.D | 8.65        | 3.67        |
| AR1248ICC050     | AR1248ICC050     | 07/08/2025       | 18:59            | PO112104.D | 8.65        | 3.67        |
| AR1254ICC1000    | AR1254ICC1000    | 07/08/2025       | 19:18            | PO112105.D | 8.65        | 3.67        |
| AR1254ICC750     | AR1254ICC750     | 07/08/2025       | 19:35            | PO112106.D | 8.65        | 3.67        |
| AR1254ICC500     | AR1254ICC500     | 07/08/2025       | 19:54            | PO112107.D | 8.65        | 3.67        |
| AR1254ICC250     | AR1254ICC250     | 07/08/2025       | 20:11            | PO112108.D | 8.65        | 3.67        |
| AR1254ICC050     | AR1254ICC050     | 07/08/2025       | 20:28            | PO112109.D | 8.65        | 3.67        |
| AR1262ICC500     | AR1262ICC500     | 07/08/2025       | 20:47            | PO112110.D | 8.65        | 3.67        |
| AR1268ICC1000    | AR1268ICC1000    | 07/08/2025       | 21:04            | PO112111.D | 8.65        | 3.67        |
| AR1268ICC750     | AR1268ICC750     | 07/08/2025       | 21:22            | PO112112.D | 8.65        | 3.67        |
| AR1268ICC500     | AR1268ICC500     | 07/08/2025       | 21:39            | PO112113.D | 8.65        | 3.67        |
| AR1268ICC250     | AR1268ICC250     | 07/08/2025       | 21:57            | PO112114.D | 8.65        | 3.67        |
| AR1268ICC050     | AR1268ICC050     | 07/08/2025       | 22:16            | PO112115.D | 8.65        | 3.67        |
| AR1660CCC500     | AR1660CCC500     | 07/21/2025       | 10:15            | PO112332.D | 8.65        | 3.66        |
| IBLK             | IBLK             | 07/21/2025       | 12:34            | PO112336.D | 8.65        | 3.66        |
| OU4-TS-39-071725 | Q2639-03         | 07/21/2025       | 13:11            | PO112338.D | 8.65        | 3.66        |
| OU4-TS-40-071725 | Q2639-05         | 07/21/2025       | 13:30            | PO112339.D | 8.65        | 3.66        |
| OU4-TS-41-071725 | Q2639-07         | 07/21/2025       | 13:47            | PO112340.D | 8.65        | 3.66        |
| AR1660CCC500     | AR1660CCC500     | 07/21/2025       | 16:10            | PO112346.D | 8.65        | 3.66        |
| IBLK             | IBLK             | 07/21/2025       | 17:38            | PO112350.D | 8.65        | 3.66        |
| AR1660CCC500     | AR1660CCC500     | 07/22/2025       | 08:57            | PO112366.D | 8.64        | 3.66        |
| IBLK             | IBLK             | 07/22/2025       | 10:08            | PO112370.D | 8.64        | 3.66        |
| OU4-TS-42-071725 | Q2639-09         | 07/22/2025       | 11:08            | PO112372.D | 8.64        | 3.66        |
| OU4-TS-43-071725 | Q2639-11         | 07/22/2025       | 11:26            | PO112373.D | 8.64        | 3.66        |
| OU4-TS-44-071725 | Q2639-13         | 07/22/2025       | 11:44            | PO112374.D | 8.64        | 3.66        |
| AR1660CCC500     | AR1660CCC500     | 07/22/2025       | 16:21            | PO112381.D | 8.64        | 3.66        |

### Analytical Sequence

|                  |               |            |       |            |      |      |
|------------------|---------------|------------|-------|------------|------|------|
| IBLK             | IBLK          | 07/22/2025 | 17:32 | PO112385.D | 8.64 | 3.66 |
| IBLK             | IBLK          | 07/07/2025 | 20:30 | PP073553.D | 8.78 | 3.78 |
| AR1660ICC1000    | AR1660ICC1000 | 07/07/2025 | 21:03 | PP073554.D | 8.78 | 3.78 |
| AR1660ICC750     | AR1660ICC750  | 07/07/2025 | 21:19 | PP073555.D | 8.78 | 3.78 |
| AR1660ICC500     | AR1660ICC500  | 07/07/2025 | 21:35 | PP073556.D | 8.78 | 3.78 |
| AR1660ICC250     | AR1660ICC250  | 07/07/2025 | 21:52 | PP073557.D | 8.78 | 3.78 |
| AR1660ICC050     | AR1660ICC050  | 07/07/2025 | 22:08 | PP073558.D | 8.78 | 3.78 |
| AR1221ICC500     | AR1221ICC500  | 07/07/2025 | 22:24 | PP073559.D | 8.78 | 3.78 |
| AR1232ICC500     | AR1232ICC500  | 07/07/2025 | 22:41 | PP073560.D | 8.78 | 3.78 |
| AR1242ICC1000    | AR1242ICC1000 | 07/07/2025 | 22:57 | PP073561.D | 8.78 | 3.78 |
| AR1242ICC750     | AR1242ICC750  | 07/07/2025 | 23:14 | PP073562.D | 8.78 | 3.78 |
| AR1242ICC500     | AR1242ICC500  | 07/07/2025 | 23:30 | PP073563.D | 8.78 | 3.78 |
| AR1242ICC250     | AR1242ICC250  | 07/07/2025 | 23:46 | PP073564.D | 8.78 | 3.78 |
| AR1242ICC050     | AR1242ICC050  | 07/08/2025 | 00:03 | PP073565.D | 8.78 | 3.78 |
| AR1248ICC1000    | AR1248ICC1000 | 07/08/2025 | 00:19 | PP073566.D | 8.78 | 3.78 |
| AR1248ICC750     | AR1248ICC750  | 07/08/2025 | 00:35 | PP073567.D | 8.78 | 3.78 |
| AR1248ICC500     | AR1248ICC500  | 07/08/2025 | 00:52 | PP073568.D | 8.78 | 3.78 |
| AR1248ICC250     | AR1248ICC250  | 07/08/2025 | 01:08 | PP073569.D | 8.78 | 3.78 |
| AR1248ICC050     | AR1248ICC050  | 07/08/2025 | 01:25 | PP073570.D | 8.78 | 3.78 |
| AR1254ICC1000    | AR1254ICC1000 | 07/08/2025 | 01:41 | PP073571.D | 8.78 | 3.78 |
| AR1254ICC750     | AR1254ICC750  | 07/08/2025 | 01:57 | PP073572.D | 8.78 | 3.78 |
| AR1254ICC500     | AR1254ICC500  | 07/08/2025 | 02:14 | PP073573.D | 8.78 | 3.78 |
| AR1254ICC250     | AR1254ICC250  | 07/08/2025 | 02:30 | PP073574.D | 8.78 | 3.78 |
| AR1254ICC050     | AR1254ICC050  | 07/08/2025 | 02:46 | PP073575.D | 8.78 | 3.78 |
| AR1262ICC500     | AR1262ICC500  | 07/08/2025 | 03:03 | PP073576.D | 8.78 | 3.78 |
| AR1268ICC1000    | AR1268ICC1000 | 07/08/2025 | 03:19 | PP073577.D | 8.78 | 3.78 |
| AR1268ICC750     | AR1268ICC750  | 07/08/2025 | 03:35 | PP073578.D | 8.78 | 3.78 |
| AR1268ICC500     | AR1268ICC500  | 07/08/2025 | 03:52 | PP073579.D | 8.78 | 3.78 |
| AR1268ICC250     | AR1268ICC250  | 07/08/2025 | 04:08 | PP073580.D | 8.78 | 3.78 |
| AR1268ICC050     | AR1268ICC050  | 07/08/2025 | 04:24 | PP073581.D | 8.78 | 3.78 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 08:51 | PP073972.D | 8.77 | 3.77 |
| IBLK             | IBLK          | 07/21/2025 | 09:56 | PP073976.D | 8.77 | 3.77 |
| RT2286MS         | Q2635-01MS    | 07/21/2025 | 13:40 | PP073984.D | 8.77 | 3.77 |
| RT2286MSD        | Q2635-01MSD   | 07/21/2025 | 13:56 | PP073985.D | 8.77 | 3.77 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 15:18 | PP073987.D | 8.77 | 3.77 |
| AR1254CCC500     | AR1254CCC500  | 07/21/2025 | 16:07 | PP073990.D | 8.77 | 3.78 |
| IBLK             | IBLK          | 07/21/2025 | 16:23 | PP073991.D | 8.77 | 3.77 |
| PB168927BL       | PB168927BL    | 07/21/2025 | 16:39 | PP073992.D | 8.77 | 3.78 |
| PB168927BS       | PB168927BS    | 07/21/2025 | 16:56 | PP073993.D | 8.77 | 3.78 |
| OU4-TS-38-071725 | Q2639-01      | 07/21/2025 | 19:07 | PP074001.D | 8.77 | 3.77 |
| AR1660CCC500     | AR1660CCC500  | 07/21/2025 | 20:12 | PP074002.D | 8.77 | 3.77 |
| AR1254CCC500     | AR1254CCC500  | 07/21/2025 | 21:17 | PP074005.D | 8.77 | 3.77 |
| IBLK             | IBLK          | 07/21/2025 | 21:34 | PP074006.D | 8.77 | 3.77 |