

Analytical Sequence

Client: Nobis Group

SDG No.: Q2638

Project: Raymark Superfund Site

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

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

07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
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
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-33-071725	Q2638-05	07/21/2025	17:45	PP073996.D	10.17	4.49
OU4-TS-35-071725	Q2638-09	07/21/2025	18:18	PP073998.D	10.17	4.48
OU4-TS-36-071725	Q2638-11	07/21/2025	18:34	PP073999.D	10.17	4.49
OU4-TS-37-071725	Q2638-13	07/21/2025	18:50	PP074000.D	10.17	4.48
AR1660CCC500	AR1660CCC500	07/21/2025	20:12	PP074002.D	10.17	4.48

Analytical Sequence

LBLK	LBLK	07/21/2025	21:34	PP074006.D	10.16	4.48
LBLK	LBLK	07/23/2025	02:29	PQ070550.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	07/23/2025	02:59	PQ070551.D	8.50	3.40
AR1660ICC750	AR1660ICC750	07/23/2025	03:13	PQ070552.D	8.50	3.40
AR1660ICC500	AR1660ICC500	07/23/2025	03:28	PQ070553.D	8.50	3.40
AR1660ICC250	AR1660ICC250	07/23/2025	03:42	PQ070554.D	8.50	3.40
AR1660ICC050	AR1660ICC050	07/23/2025	03:57	PQ070555.D	8.50	3.40
AR1221ICC500	AR1221ICC500	07/23/2025	04:15	PQ070556.D	8.51	3.41
AR1232ICC500	AR1232ICC500	07/23/2025	04:29	PQ070557.D	8.50	3.40
AR1242ICC1000	AR1242ICC1000	07/23/2025	04:44	PQ070558.D	8.50	3.40
AR1242ICC750	AR1242ICC750	07/23/2025	04:58	PQ070559.D	8.50	3.40
AR1242ICC500	AR1242ICC500	07/23/2025	05:13	PQ070560.D	8.50	3.40
AR1242ICC250	AR1242ICC250	07/23/2025	05:28	PQ070561.D	8.50	3.40
AR1242ICC050	AR1242ICC050	07/23/2025	05:42	PQ070562.D	8.50	3.40
AR1248ICC1000	AR1248ICC1000	07/23/2025	05:57	PQ070563.D	8.50	3.40
AR1248ICC750	AR1248ICC750	07/23/2025	06:12	PQ070564.D	8.50	3.40
AR1248ICC500	AR1248ICC500	07/23/2025	06:26	PQ070565.D	8.50	3.40
AR1248ICC250	AR1248ICC250	07/23/2025	06:41	PQ070566.D	8.50	3.40
AR1248ICC050	AR1248ICC050	07/23/2025	06:55	PQ070567.D	8.50	3.40
AR1254ICC1000	AR1254ICC1000	07/23/2025	07:10	PQ070568.D	8.50	3.40
AR1254ICC750	AR1254ICC750	07/23/2025	07:24	PQ070569.D	8.50	3.40
AR1254ICC500	AR1254ICC500	07/23/2025	07:39	PQ070570.D	8.50	3.40
AR1254ICC250	AR1254ICC250	07/23/2025	07:54	PQ070571.D	8.50	3.40
AR1254ICC050	AR1254ICC050	07/23/2025	08:52	PQ070572.D	8.50	3.40
AR1262ICC500	AR1262ICC500	07/23/2025	09:07	PQ070573.D	8.50	3.40
AR1268ICC500	AR1268ICC500	07/23/2025	09:21	PQ070574.D	8.50	3.40
AR1660CCC500	AR1660CCC500	07/23/2025	12:53	PQ070581.D	8.51	3.41
LBLK	LBLK	07/23/2025	13:51	PQ070585.D	8.50	3.40
OU4-TS-31-071725	Q2638-01	07/23/2025	15:04	PQ070590.D	8.50	3.40
OU4-TS-32-071725	Q2638-03	07/23/2025	15:19	PQ070591.D	8.50	3.40
OU4-TS-34-071725	Q2638-07	07/23/2025	15:33	PQ070592.D	8.50	3.40
AR1660CCC500	AR1660CCC500	07/23/2025	17:15	PQ070596.D	8.50	3.40
LBLK	LBLK	07/23/2025	18:43	PQ070600.D	8.50	3.40

Analytical Sequence

Client: Nobis Group

SDG No.: Q2638

Project: Raymark Superfund Site

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

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

07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
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
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-33-071725	Q2638-05	07/21/2025	17:45	PP073996.D	8.77	3.77
OU4-TS-35-071725	Q2638-09	07/21/2025	18:18	PP073998.D	8.77	3.77
OU4-TS-36-071725	Q2638-11	07/21/2025	18:34	PP073999.D	8.77	3.77
OU4-TS-37-071725	Q2638-13	07/21/2025	18:50	PP074000.D	8.77	3.78
AR1660CCC500	AR1660CCC500	07/21/2025	20:12	PP074002.D	8.77	3.77

Analytical Sequence

LBLK	LBLK	07/21/2025	21:34	PP074006.D	8.77	3.77
LBLK	LBLK	07/23/2025	02:29	PQ070550.D	7.54	2.78
AR1660ICC1000	AR1660ICC1000	07/23/2025	02:59	PQ070551.D	7.54	2.78
AR1660ICC750	AR1660ICC750	07/23/2025	03:13	PQ070552.D	7.54	2.78
AR1660ICC500	AR1660ICC500	07/23/2025	03:28	PQ070553.D	7.54	2.78
AR1660ICC250	AR1660ICC250	07/23/2025	03:42	PQ070554.D	7.54	2.78
AR1660ICC050	AR1660ICC050	07/23/2025	03:57	PQ070555.D	7.54	2.78
AR1221ICC500	AR1221ICC500	07/23/2025	04:15	PQ070556.D	7.54	2.78
AR1232ICC500	AR1232ICC500	07/23/2025	04:29	PQ070557.D	7.54	2.78
AR1242ICC1000	AR1242ICC1000	07/23/2025	04:44	PQ070558.D	7.54	2.78
AR1242ICC750	AR1242ICC750	07/23/2025	04:58	PQ070559.D	7.54	2.78
AR1242ICC500	AR1242ICC500	07/23/2025	05:13	PQ070560.D	7.54	2.78
AR1242ICC250	AR1242ICC250	07/23/2025	05:28	PQ070561.D	7.54	2.78
AR1242ICC050	AR1242ICC050	07/23/2025	05:42	PQ070562.D	7.54	2.78
AR1248ICC1000	AR1248ICC1000	07/23/2025	05:57	PQ070563.D	7.54	2.78
AR1248ICC750	AR1248ICC750	07/23/2025	06:12	PQ070564.D	7.54	2.78
AR1248ICC500	AR1248ICC500	07/23/2025	06:26	PQ070565.D	7.54	2.78
AR1248ICC250	AR1248ICC250	07/23/2025	06:41	PQ070566.D	7.54	2.78
AR1248ICC050	AR1248ICC050	07/23/2025	06:55	PQ070567.D	7.54	2.78
AR1254ICC1000	AR1254ICC1000	07/23/2025	07:10	PQ070568.D	7.54	2.78
AR1254ICC750	AR1254ICC750	07/23/2025	07:24	PQ070569.D	7.54	2.78
AR1254ICC500	AR1254ICC500	07/23/2025	07:39	PQ070570.D	7.54	2.78
AR1254ICC250	AR1254ICC250	07/23/2025	07:54	PQ070571.D	7.54	2.78
AR1254ICC050	AR1254ICC050	07/23/2025	08:52	PQ070572.D	7.54	2.78
AR1262ICC500	AR1262ICC500	07/23/2025	09:07	PQ070573.D	7.54	2.78
AR1268ICC500	AR1268ICC500	07/23/2025	09:21	PQ070574.D	7.54	2.78
AR1660CCC500	AR1660CCC500	07/23/2025	12:53	PQ070581.D	7.54	2.78
LBLK	LBLK	07/23/2025	13:51	PQ070585.D	7.54	2.78
OU4-TS-31-071725	Q2638-01	07/23/2025	15:04	PQ070590.D	7.54	2.78
OU4-TS-32-071725	Q2638-03	07/23/2025	15:19	PQ070591.D	7.54	2.78
OU4-TS-34-071725	Q2638-07	07/23/2025	15:33	PQ070592.D	7.54	2.78
AR1660CCC500	AR1660CCC500	07/23/2025	17:15	PQ070596.D	7.54	2.78
LBLK	LBLK	07/23/2025	18:43	PQ070600.D	7.54	2.78