

Analytical Sequence

Client: Nobis Group

SDG No.: Q2747

Project: Raymark Superfund Site

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/23/2025

07/23/2025

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	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/04/2025	12:11	PO112718.D	8.69	3.67
IBLK	IBLK	08/04/2025	13:24	PO112722.D	8.69	3.67
OU4-TS-GRILLO-OG3-073125	Q2747-03	08/04/2025	14:01	PO112724.D	8.69	3.67
OU4-TS-GRILLO-OG4-073125	Q2747-05	08/04/2025	14:19	PO112725.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/04/2025	16:10	PO112728.D	8.69	3.67
IBLK	IBLK	08/04/2025	17:22	PO112732.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/05/2025	08:29	PO112740.D	8.69	3.67
IBLK	IBLK	08/05/2025	08:50	PO112741.D	8.69	3.67
OU4-TS-GRILLO-OG2-073125	Q2747-01	08/05/2025	09:28	PO112743.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/05/2025	10:05	PO112744.D	8.69	3.67
IBLK	IBLK	08/05/2025	11:32	PO112748.D	8.69	3.67
IBLK	IBLK	08/01/2025	11:49	PP074167.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	10.44	4.66

Analytical Sequence

AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	10.44	4.66
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	10.44	4.66
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/04/2025	09:20	PP074203.D	10.43	4.66
IBLK	IBLK	08/04/2025	10:53	PP074206.D	10.43	4.66
PB169092BL	PB169092BL	08/04/2025	12:36	PP074208.D	10.44	4.66
PB169092BS	PB169092BS	08/04/2025	12:52	PP074209.D	10.44	4.66
289MS	Q2753-01MS	08/04/2025	13:25	PP074211.D	10.44	4.66
289MSD	Q2753-01MSD	08/04/2025	13:41	PP074212.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/04/2025	15:02	PP074214.D	10.44	4.66
IBLK	IBLK	08/04/2025	15:51	PP074217.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/05/2025	08:31	PP074219.D	10.43	4.65
IBLK	IBLK	08/05/2025	08:57	PP074220.D	10.44	4.66
OU4-TS-GRILLO-TSCP01-073125	Q2747-07	08/05/2025	09:29	PP074222.D	10.43	4.66
OU4-TS-GRILLO-TSCP02-073125	Q2747-09	08/05/2025	09:46	PP074223.D	10.43	4.65
AR1660CCC500	AR1660CCC500	08/05/2025	10:35	PP074224.D	10.43	4.66
IBLK	IBLK	08/05/2025	11:23	PP074227.D	10.44	4.66

Analytical Sequence

Client: Nobis Group

SDG No.: Q2747

Project: Raymark Superfund Site

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/23/2025

07/23/2025

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	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/04/2025	12:11	PO112718.D	8.63	3.66
IBLK	IBLK	08/04/2025	13:24	PO112722.D	8.63	3.66
OU4-TS-GRILLO-OG3-073125	Q2747-03	08/04/2025	14:01	PO112724.D	8.64	3.66
OU4-TS-GRILLO-OG4-073125	Q2747-05	08/04/2025	14:19	PO112725.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/04/2025	16:10	PO112728.D	8.63	3.66
IBLK	IBLK	08/04/2025	17:22	PO112732.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/05/2025	08:29	PO112740.D	8.63	3.66
IBLK	IBLK	08/05/2025	08:50	PO112741.D	8.63	3.66
OU4-TS-GRILLO-OG2-073125	Q2747-01	08/05/2025	09:28	PO112743.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/05/2025	10:05	PO112744.D	8.63	3.66
IBLK	IBLK	08/05/2025	11:32	PO112748.D	8.63	3.66
IBLK	IBLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81

Analytical Sequence

AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/04/2025	09:20	PP074203.D	8.82	3.80
IBLK	IBLK	08/04/2025	10:53	PP074206.D	8.82	3.80
PB169092BL	PB169092BL	08/04/2025	12:36	PP074208.D	8.82	3.80
PB169092BS	PB169092BS	08/04/2025	12:52	PP074209.D	8.83	3.80
289MS	Q2753-01MS	08/04/2025	13:25	PP074211.D	8.82	3.80
289MSD	Q2753-01MSD	08/04/2025	13:41	PP074212.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/04/2025	15:02	PP074214.D	8.83	3.81
IBLK	IBLK	08/04/2025	15:51	PP074217.D	8.83	3.81
AR1660CCC500	AR1660CCC500	08/05/2025	08:31	PP074219.D	8.82	3.80
IBLK	IBLK	08/05/2025	08:57	PP074220.D	8.82	3.80
OU4-TS-GRILLO-TSCP01-073125	Q2747-07	08/05/2025	09:29	PP074222.D	8.82	3.80
OU4-TS-GRILLO-TSCP02-073125	Q2747-09	08/05/2025	09:46	PP074223.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/05/2025	10:35	PP074224.D	8.82	3.81
IBLK	IBLK	08/05/2025	11:23	PP074227.D	8.82	3.81