

Analytical Sequence

Client: Nobis Group

SDG No.: Q1382

Project: Raymark Superfund Site

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/28/2025 01/28/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	01/28/2025	09:21	PP069264.D	10.28	4.54
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	10.28	4.54
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	10.28	4.54
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	10.28	4.54
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	10.28	4.53
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	10.28	4.54
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	10.28	4.54
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	10.28	4.53
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	10.28	4.54
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	10.28	4.54
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	10.28	4.54
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	10.28	4.54
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	10.28	4.54
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	10.28	4.54
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	10.28	4.54
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	10.28	4.54
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	10.28	4.54
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	10.28	4.54
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	10.28	4.54
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	10.28	4.54
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	10.28	4.53
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	10.28	4.54
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	10.28	4.54
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	10.28	4.54
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	10.28	4.54
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	10.28	4.54
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	10.28	4.54
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	10.29	4.55
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	10.28	4.54
AR1660CCC500	AR1660CCC500	02/19/2025	08:26	PP069827.D	10.26	4.53
AR1254CCC500	AR1254CCC500	02/19/2025	09:19	PP069830.D	10.25	4.52
IBLK	IBLK	02/19/2025	10:11	PP069831.D	10.25	4.52
PB166770BL	PB166770BL	02/19/2025	13:00	PP069837.D	10.25	4.53
PB166770BS	PB166770BS	02/19/2025	13:16	PP069838.D	10.25	4.52
OU4-PCS-TC-01-021725	Q1382-01	02/19/2025	13:32	PP069839.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/19/2025	15:10	PP069842.D	10.25	4.52
AR1254CCC500	AR1254CCC500	02/19/2025	16:15	PP069845.D	10.25	4.53
IBLK	IBLK	02/19/2025	16:31	PP069846.D	10.25	4.52
OU4-PCS-TC-02-021725	Q1382-03	02/19/2025	16:47	PP069847.D	10.25	4.53
OU4-PCS-TC-03-021725	Q1382-05	02/19/2025	17:03	PP069848.D	10.25	4.52
OU4-PCS-TC-04-021725	Q1382-07	02/19/2025	17:19	PP069849.D	10.25	4.53
OU4-PCS-TC-06-021725	Q1382-11	02/19/2025	17:52	PP069851.D	10.25	4.52

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OU4-PCS-TC-07-021725	Q1382-13	02/19/2025	18:08	PP069852.D	10.25	4.53
OU4-PCS-TC-08-021725	Q1382-15	02/19/2025	18:24	PP069853.D	10.25	4.52
OU4-PCS-TC-09-021725	Q1382-17	02/19/2025	18:40	PP069854.D	10.25	4.53
OU4-PCS-TC-10-021725	Q1382-19	02/19/2025	18:57	PP069855.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	10.25	4.52
IBLK	IBLK	02/19/2025	21:39	PP069861.D	10.25	4.53
AR1660CCC500	AR1660CCC500	02/20/2025	17:03	PP069917.D	10.25	4.52
AR1254CCC500	AR1254CCC500	02/20/2025	17:52	PP069920.D	10.26	4.53
IBLK	IBLK	02/20/2025	18:08	PP069921.D	10.25	4.52
OU4-PCS-TC-01-021725MS	Q1382-01MS	02/20/2025	19:29	PP069926.D	10.25	4.52
OU4-PCS-TC-01-021725MSD	Q1382-01MSD	02/20/2025	19:46	PP069927.D	10.25	4.52
OU4-PCS-TC-02-021725RE	Q1382-03RE	02/20/2025	20:02	PP069928.D	10.26	4.53
OU4-PCS-TC-03-021725RE	Q1382-05RE	02/20/2025	20:18	PP069929.D	10.26	4.53
OU4-PCS-TC-04-021725RE	Q1382-07RE	02/20/2025	20:34	PP069930.D	10.25	4.52
OU4-PCS-TC-06-021725RE	Q1382-11RE	02/20/2025	20:50	PP069931.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	10.25	4.52
IBLK	IBLK	02/20/2025	22:33	PP069936.D	10.25	4.53
OU4-PCS-TC-10-021725RE	Q1382-19RE	02/20/2025	22:49	PP069937.D	10.25	4.53
OU4-PCS-TC-05-021725	Q1382-09	02/21/2025	00:59	PP069945.D	10.25	4.53
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	10.25	4.52
IBLK	IBLK	02/21/2025	02:58	PP069951.D	10.25	4.53

Analytical Sequence

Client: Nobis Group

SDG No.: Q1382

Project: Raymark Superfund Site

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/28/2025

01/28/2025

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

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IBLK	IBLK	01/28/2025	09:21	PP069264.D	8.91	3.84
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	8.91	3.84
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	8.91	3.84
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	8.91	3.84
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	8.91	3.84
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	8.91	3.84
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	8.91	3.84
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	8.91	3.84
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	8.91	3.84
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	8.91	3.84
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	8.91	3.84
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	8.91	3.84
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	8.91	3.84
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	8.91	3.84
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	8.91	3.84
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	8.91	3.84
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	8.91	3.84
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	8.91	3.84
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	8.91	3.84
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	8.91	3.84
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	8.91	3.84
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	8.91	3.84
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	8.91	3.84
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	8.91	3.84
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	8.91	3.84
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	8.91	3.84
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	8.91	3.84
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	8.91	3.84
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	8.91	3.84
AR1660CCC500	AR1660CCC500	02/19/2025	08:26	PP069827.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	09:19	PP069830.D	8.89	3.83
IBLK	IBLK	02/19/2025	10:11	PP069831.D	8.89	3.83
PB166770BL	PB166770BL	02/19/2025	13:00	PP069837.D	8.89	3.83
PB166770BS	PB166770BS	02/19/2025	13:16	PP069838.D	8.89	3.83
OU4-PCS-TC-01-021725	Q1382-01	02/19/2025	13:32	PP069839.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/19/2025	15:10	PP069842.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	16:15	PP069845.D	8.89	3.83
IBLK	IBLK	02/19/2025	16:31	PP069846.D	8.89	3.83
OU4-PCS-TC-02-021725	Q1382-03	02/19/2025	16:47	PP069847.D	8.89	3.83
OU4-PCS-TC-03-021725	Q1382-05	02/19/2025	17:03	PP069848.D	8.89	3.83
OU4-PCS-TC-04-021725	Q1382-07	02/19/2025	17:19	PP069849.D	8.89	3.83
OU4-PCS-TC-06-021725	Q1382-11	02/19/2025	17:52	PP069851.D	8.89	3.83

Analytical Sequence

OU4-PCS-TC-07-021725	Q1382-13	02/19/2025	18:08	PP069852.D	8.89	3.83
OU4-PCS-TC-08-021725	Q1382-15	02/19/2025	18:24	PP069853.D	8.89	3.83
OU4-PCS-TC-09-021725	Q1382-17	02/19/2025	18:40	PP069854.D	8.89	3.83
OU4-PCS-TC-10-021725	Q1382-19	02/19/2025	18:57	PP069855.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	8.89	3.83
IBLK	IBLK	02/19/2025	21:39	PP069861.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	17:03	PP069917.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	17:52	PP069920.D	8.89	3.83
IBLK	IBLK	02/20/2025	18:08	PP069921.D	8.89	3.83
OU4-PCS-TC-01-021725MS	Q1382-01MS	02/20/2025	19:29	PP069926.D	8.89	3.83
OU4-PCS-TC-01-021725MSD	Q1382-01MSD	02/20/2025	19:46	PP069927.D	8.89	3.83
OU4-PCS-TC-02-021725RE	Q1382-03RE	02/20/2025	20:02	PP069928.D	8.89	3.83
OU4-PCS-TC-03-021725RE	Q1382-05RE	02/20/2025	20:18	PP069929.D	8.89	3.83
OU4-PCS-TC-04-021725RE	Q1382-07RE	02/20/2025	20:34	PP069930.D	8.89	3.83
OU4-PCS-TC-06-021725RE	Q1382-11RE	02/20/2025	20:50	PP069931.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	8.89	3.83
IBLK	IBLK	02/20/2025	22:33	PP069936.D	8.89	3.83
OU4-PCS-TC-10-021725RE	Q1382-19RE	02/20/2025	22:49	PP069937.D	8.89	3.83
OU4-PCS-TC-05-021725	Q1382-09	02/21/2025	00:59	PP069945.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	8.89	3.83
IBLK	IBLK	02/21/2025	02:58	PP069951.D	8.89	3.83