

Analytical Sequence

Client: AECOM

SDG No.: Q3419

Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/09/2025

10/09/2025

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	10/09/2025	13:55	PO114312.D	9.93	4.36
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	9.93	4.36
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	9.93	4.36
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	9.93	4.36
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	9.93	4.36
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	9.93	4.36
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	9.93	4.36
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	9.93	4.36
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	9.93	4.36
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	9.93	4.36
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	9.93	4.36
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	9.93	4.36
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	9.93	4.36
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	9.93	4.36
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	9.93	4.36
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	9.93	4.36
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	9.93	4.36
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	9.93	4.36
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	9.93	4.36
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	9.93	4.36
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	9.93	4.36
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	9.93	4.36
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	9.93	4.36
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	9.93	4.36
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	9.93	4.36
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	9.93	4.36
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	9.93	4.36
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	9.93	4.36
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	9.93	4.36
AR1660CCC500	AR1660CCC500	10/24/2025	09:03	PO114652.D	9.94	4.35
IBLK	IBLK	10/24/2025	10:24	PO114656.D	9.93	4.35
PR132-S16-119133-20251021	Q3419-04	10/24/2025	12:14	PO114662.D	9.93	4.35
PR132-S16-094119-20251021	Q3419-05	10/24/2025	12:32	PO114663.D	9.94	4.35
AR1660CCC500	AR1660CCC500	10/24/2025	14:35	PO114667.D	9.94	4.35
IBLK	IBLK	10/24/2025	15:49	PO114671.D	9.94	4.35
IBLK	IBLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64

Analytical Sequence

AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/24/2025	08:57	PP076012.D	10.41	4.64
I.BLK	I.BLK	10/24/2025	10:18	PP076016.D	10.41	4.64
PB170234BL	PB170234BL	10/24/2025	10:34	PP076017.D	10.41	4.64
PB170234BS	PB170234BS	10/24/2025	10:51	PP076018.D	10.42	4.64
AR1660CCC500	AR1660CCC500	10/24/2025	14:06	PP076027.D	10.42	4.64
I.BLK	I.BLK	10/24/2025	15:11	PP076031.D	10.41	4.64
I.BLK	I.BLK	10/10/2025	08:42	PQ070972.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	8.50	3.40
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	8.50	3.40
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	8.50	3.40
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	8.50	3.40
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	8.50	3.40
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	8.50	3.40
AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	8.50	3.40
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	8.50	3.40
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	8.50	3.40
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	8.50	3.40
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	8.50	3.40
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	8.50	3.40
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	8.50	3.40
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	8.50	3.40
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	8.50	3.40
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	8.50	3.40
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	8.50	3.40
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	8.50	3.40
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	8.50	3.40
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	8.50	3.40
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	8.50	3.40
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	8.50	3.40
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	8.50	3.40

Analytical Sequence

AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	8.50	3.40
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	8.50	3.40
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	8.50	3.40
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	8.50	3.40
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	8.50	3.40
IBLK	IBLK	10/27/2025	09:11	PQ071150.D	8.50	3.40
PR-132-S16-015094-20251021	Q3419-01	10/27/2025	11:08	PQ071158.D	8.50	3.40
PR-132-S16-015094-20251021MS	Q3419-02MS	10/27/2025	11:23	PQ071159.D	8.50	3.40
PR-132-S16-015094-20251021MSD	Q3419-03MSD	10/27/2025	11:37	PQ071160.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	8.50	3.40
IBLK	IBLK	10/27/2025	14:18	PQ071165.D	8.50	3.40

Analytical Sequence

Client: AECOM

SDG No.: Q3419

Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/09/2025

10/09/2025

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	10/09/2025	13:55	PO114312.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	8.67	3.66
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	8.67	3.66
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	8.67	3.66
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	8.67	3.66
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	8.67	3.66
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	8.67	3.66
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	8.67	3.66
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	8.67	3.66
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	8.67	3.66
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	8.67	3.66
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	8.67	3.66
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	8.67	3.66
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	8.67	3.66
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	8.67	3.66
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	8.67	3.66
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	8.67	3.66
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	8.67	3.66
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	8.67	3.66
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	8.67	3.66
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	8.67	3.66
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	8.67	3.66
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	8.67	3.66
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	8.67	3.66
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/24/2025	09:03	PO114652.D	8.65	3.66
IBLK	IBLK	10/24/2025	10:24	PO114656.D	8.65	3.66
PR132-S16-119133-20251021	Q3419-04	10/24/2025	12:14	PO114662.D	8.65	3.66
PR132-S16-094119-20251021	Q3419-05	10/24/2025	12:32	PO114663.D	8.65	3.65
AR1660CCC500	AR1660CCC500	10/24/2025	14:35	PO114667.D	8.65	3.66
IBLK	IBLK	10/24/2025	15:49	PO114671.D	8.65	3.66
IBLK	IBLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78

Analytical Sequence

AR12321CC500	AR12321CC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR12421CC1000	AR12421CC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR12421CC750	AR12421CC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR12421CC500	AR12421CC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR12421CC250	AR12421CC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR12421CC050	AR12421CC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR12481CC1000	AR12481CC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR12481CC750	AR12481CC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR12481CC500	AR12481CC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR12481CC250	AR12481CC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR12481CC050	AR12481CC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR12541CC1000	AR12541CC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR12541CC750	AR12541CC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR12541CC500	AR12541CC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR12541CC250	AR12541CC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR12541CC050	AR12541CC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR12621CC500	AR12621CC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR12681CC1000	AR12681CC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR12681CC750	AR12681CC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR12681CC500	AR12681CC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR12681CC250	AR12681CC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR12681CC050	AR12681CC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/24/2025	08:57	PP076012.D	8.78	3.78
LBLK	LBLK	10/24/2025	10:18	PP076016.D	8.78	3.78
PB170234BL	PB170234BL	10/24/2025	10:34	PP076017.D	8.78	3.78
PB170234BS	PB170234BS	10/24/2025	10:51	PP076018.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/24/2025	14:06	PP076027.D	8.78	3.78
LBLK	LBLK	10/24/2025	15:11	PP076031.D	8.78	3.78
LBLK	LBLK	10/10/2025	08:42	PQ070972.D	7.53	2.78
AR16601CC1000	AR16601CC1000	10/10/2025	08:57	PQ070973.D	7.53	2.78
AR16601CC750	AR16601CC750	10/10/2025	09:11	PQ070974.D	7.53	2.78
AR16601CC500	AR16601CC500	10/10/2025	09:26	PQ070975.D	7.53	2.78
AR16601CC250	AR16601CC250	10/10/2025	09:40	PQ070976.D	7.53	2.78
AR16601CC050	AR16601CC050	10/10/2025	09:55	PQ070977.D	7.53	2.78
AR12211CC500	AR12211CC500	10/10/2025	10:09	PQ070978.D	7.53	2.78
AR12321CC500	AR12321CC500	10/10/2025	10:24	PQ070979.D	7.53	2.78
AR12421CC1000	AR12421CC1000	10/10/2025	10:38	PQ070980.D	7.53	2.78
AR12421CC750	AR12421CC750	10/10/2025	10:53	PQ070981.D	7.53	2.78
AR12421CC500	AR12421CC500	10/10/2025	11:08	PQ070982.D	7.53	2.78
AR12421CC250	AR12421CC250	10/10/2025	11:22	PQ070983.D	7.53	2.78
AR12421CC050	AR12421CC050	10/10/2025	11:37	PQ070984.D	7.53	2.78
AR12481CC1000	AR12481CC1000	10/10/2025	11:51	PQ070985.D	7.53	2.78
AR12481CC750	AR12481CC750	10/10/2025	12:06	PQ070986.D	7.53	2.78
AR12481CC500	AR12481CC500	10/10/2025	12:20	PQ070987.D	7.53	2.78
AR12481CC250	AR12481CC250	10/10/2025	12:35	PQ070988.D	7.53	2.78
AR12481CC050	AR12481CC050	10/10/2025	12:50	PQ070989.D	7.53	2.78
AR12541CC1000	AR12541CC1000	10/10/2025	13:04	PQ070990.D	7.53	2.78
AR12541CC750	AR12541CC750	10/10/2025	13:19	PQ070991.D	7.53	2.78
AR12541CC500	AR12541CC500	10/10/2025	13:33	PQ070992.D	7.53	2.78
AR12541CC250	AR12541CC250	10/10/2025	13:48	PQ070993.D	7.53	2.78
AR12541CC050	AR12541CC050	10/10/2025	15:15	PQ070994.D	7.53	2.78
AR12621CC500	AR12621CC500	10/10/2025	15:30	PQ070995.D	7.53	2.78

Analytical Sequence

AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	7.53	2.78
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	7.53	2.78
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	7.53	2.78
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	7.53	2.78
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	7.53	2.78
IBLK	IBLK	10/27/2025	09:11	PQ071150.D	7.53	2.78
PR-132-S16-015094-20251021	Q3419-01	10/27/2025	11:08	PQ071158.D	7.53	2.78
PR-132-S16-015094-20251021MS	Q3419-02MS	10/27/2025	11:23	PQ071159.D	7.53	2.78
PR-132-S16-015094-20251021MSD	Q3419-03MSD	10/27/2025	11:37	PQ071160.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	7.53	2.78
IBLK	IBLK	10/27/2025	14:18	PQ071165.D	7.53	2.78