

Analytical Sequence

Client: RU2 Engineering, LLC	SDG No.: Q1232
Project: NYCDDC SANTWOBR Brooklyn Bridge BI	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 01/21/2025 01/21/2025

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	01/21/2025	17:18	PO108981.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	01/21/2025	17:36	PO108982.D	8.76	3.70
AR1660ICC750	AR1660ICC750	01/21/2025	17:54	PO108983.D	8.76	3.70
AR1660ICC500	AR1660ICC500	01/21/2025	18:13	PO108984.D	8.76	3.70
AR1660ICC250	AR1660ICC250	01/21/2025	18:31	PO108985.D	8.76	3.70
AR1660ICC050	AR1660ICC050	01/21/2025	18:49	PO108986.D	8.76	3.70
AR1221ICC500	AR1221ICC500	01/21/2025	19:07	PO108987.D	8.76	3.70
AR1232ICC500	AR1232ICC500	01/21/2025	19:26	PO108988.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	01/21/2025	19:44	PO108989.D	8.76	3.70
AR1242ICC750	AR1242ICC750	01/21/2025	20:02	PO108990.D	8.76	3.70
AR1242ICC500	AR1242ICC500	01/21/2025	20:21	PO108991.D	8.76	3.70
AR1242ICC250	AR1242ICC250	01/21/2025	20:39	PO108992.D	8.76	3.70
AR1242ICC050	AR1242ICC050	01/21/2025	20:57	PO108993.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	01/21/2025	21:16	PO108994.D	8.76	3.70
AR1248ICC750	AR1248ICC750	01/21/2025	21:34	PO108995.D	8.76	3.70
AR1248ICC500	AR1248ICC500	01/21/2025	21:52	PO108996.D	8.76	3.70
AR1248ICC250	AR1248ICC250	01/21/2025	22:10	PO108997.D	8.76	3.70
AR1248ICC050	AR1248ICC050	01/21/2025	22:29	PO108998.D	8.76	3.70
AR1254ICC1000	AR1254ICC1000	01/21/2025	22:47	PO108999.D	8.76	3.70
AR1254ICC750	AR1254ICC750	01/21/2025	23:05	PO109000.D	8.76	3.70
AR1254ICC500	AR1254ICC500	01/21/2025	23:23	PO109001.D	8.76	3.70
AR1254ICC250	AR1254ICC250	01/21/2025	23:42	PO109002.D	8.76	3.70
AR1254ICC050	AR1254ICC050	01/22/2025	00:00	PO109003.D	8.76	3.70
AR1262ICC500	AR1262ICC500	01/22/2025	00:18	PO109004.D	8.76	3.70
AR1268ICC1000	AR1268ICC1000	01/22/2025	00:37	PO109005.D	8.76	3.70
AR1268ICC750	AR1268ICC750	01/22/2025	00:55	PO109006.D	8.76	3.70
AR1268ICC500	AR1268ICC500	01/22/2025	01:13	PO109007.D	8.76	3.70
AR1268ICC250	AR1268ICC250	01/22/2025	01:31	PO109008.D	8.76	3.70
AR1268ICC050	AR1268ICC050	01/22/2025	01:50	PO109009.D	8.76	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	09:16	PO109317.D	8.76	3.70
IBLK	IBLK	01/31/2025	10:29	PO109321.D	8.76	3.70
PB166412BL	PB166412BL	01/31/2025	11:35	PO109323.D	8.76	3.70
PB166412BS	PB166412BS	01/31/2025	11:53	PO109324.D	8.76	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	17:22	PO109331.D	8.76	3.70
IBLK	IBLK	01/31/2025	18:35	PO109335.D	8.76	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	22:43	PO109344.D	8.76	3.70
IBLK	IBLK	01/31/2025	23:57	PO109348.D	8.76	3.70
JPP-46.2-012925	Q1232-03	02/01/2025	00:15	PO109349.D	8.76	3.70
JPP-46.2-012925MS	Q1232-03MS	02/01/2025	00:33	PO109350.D	8.76	3.70
JPP-46.2-012925MSD	Q1232-03MSD	02/01/2025	00:51	PO109351.D	8.76	3.70
JPP-46.1-012925	Q1232-07	02/01/2025	01:09	PO109352.D	8.76	3.70
JPP-42.1-012925	Q1232-11	02/01/2025	01:27	PO109353.D	8.76	3.70

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JPP-42.2-012925	Q1232-15	02/01/2025	01:46	PO109354.D	8.76	3.70
JPP-51.1-012925	Q1232-19	02/01/2025	02:04	PO109355.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/01/2025	06:43	PO109364.D	8.76	3.70
I.BLK	I.BLK	02/01/2025	07:01	PO109365.D	8.76	3.70
I.BLK	I.BLK	02/03/2025	17:58	PO109369.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	02/03/2025	18:17	PO109370.D	8.76	3.70
AR1660ICC750	AR1660ICC750	02/03/2025	18:35	PO109371.D	8.76	3.70
AR1660ICC500	AR1660ICC500	02/03/2025	18:53	PO109372.D	8.76	3.70
AR1660ICC250	AR1660ICC250	02/03/2025	19:12	PO109373.D	8.76	3.70
AR1660ICC050	AR1660ICC050	02/03/2025	19:30	PO109374.D	8.76	3.70
AR1221ICC500	AR1221ICC500	02/03/2025	19:49	PO109375.D	8.76	3.70
AR1232ICC500	AR1232ICC500	02/03/2025	20:07	PO109376.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	02/03/2025	20:25	PO109377.D	8.76	3.70
AR1242ICC750	AR1242ICC750	02/03/2025	20:44	PO109378.D	8.76	3.70
AR1242ICC500	AR1242ICC500	02/03/2025	21:02	PO109379.D	8.76	3.70
AR1242ICC250	AR1242ICC250	02/03/2025	21:19	PO109380.D	8.76	3.70
AR1242ICC050	AR1242ICC050	02/03/2025	21:38	PO109381.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	02/03/2025	21:56	PO109382.D	8.76	3.70
AR1248ICC750	AR1248ICC750	02/03/2025	22:14	PO109383.D	8.76	3.70
AR1248ICC500	AR1248ICC500	02/03/2025	22:32	PO109384.D	8.76	3.70
AR1248ICC250	AR1248ICC250	02/03/2025	22:50	PO109385.D	8.76	3.70
AR1248ICC050	AR1248ICC050	02/03/2025	23:08	PO109386.D	8.76	3.70
AR1254ICC1000	AR1254ICC1000	02/03/2025	23:27	PO109387.D	8.76	3.70
AR1254ICC750	AR1254ICC750	02/03/2025	23:45	PO109388.D	8.76	3.70
AR1254ICC500	AR1254ICC500	02/04/2025	00:03	PO109389.D	8.76	3.70
AR1254ICC250	AR1254ICC250	02/04/2025	00:22	PO109390.D	8.76	3.70
AR1254ICC050	AR1254ICC050	02/04/2025	00:40	PO109391.D	8.76	3.70
AR1262ICC500	AR1262ICC500	02/04/2025	00:58	PO109392.D	8.76	3.70
AR1268ICC1000	AR1268ICC1000	02/04/2025	01:17	PO109393.D	8.76	3.70
AR1268ICC750	AR1268ICC750	02/04/2025	01:35	PO109394.D	8.76	3.70
AR1268ICC500	AR1268ICC500	02/04/2025	01:54	PO109395.D	8.76	3.70
AR1268ICC250	AR1268ICC250	02/04/2025	02:12	PO109396.D	8.76	3.70
AR1268ICC050	AR1268ICC050	02/04/2025	02:30	PO109397.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/04/2025	08:32	PO109405.D	8.76	3.70
I.BLK	I.BLK	02/04/2025	08:51	PO109406.D	8.76	3.70
JPP-46.2-012925RE	Q1232-03RE	02/04/2025	09:09	PO109407.D	8.76	3.70
JPP-46.2-012925MSRE	Q1232-03MSRE	02/04/2025	09:27	PO109408.D	8.76	3.70
JPP-46.2-012925MSDRE	Q1232-03MSDRE	02/04/2025	09:46	PO109409.D	8.76	3.70
JPP-46.1-012925RE	Q1232-07RE	02/04/2025	10:04	PO109410.D	8.76	3.70
JPP-42.1-012925RE	Q1232-11RE	02/04/2025	10:22	PO109411.D	8.76	3.70
JPP-42.2-012925RE	Q1232-15RE	02/04/2025	10:40	PO109412.D	8.76	3.70
JPP-51.1-012925RE	Q1232-19RE	02/04/2025	10:59	PO109413.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/04/2025	13:58	PO109422.D	8.76	3.70
I.BLK	I.BLK	02/04/2025	14:16	PO109423.D	8.76	3.70

Analytical Sequence

Client: RU2 Engineering, LLC	SDG No.: Q1232
Project: NYCDDC SANTWOBR Brooklyn Bridge BI	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 01/21/2025 01/21/2025

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AR1660ICC1000	AR1660ICC1000	01/21/2025	17:36	PO108982.D	8.71	3.70
AR1660ICC750	AR1660ICC750	01/21/2025	17:54	PO108983.D	8.71	3.70
AR1660ICC500	AR1660ICC500	01/21/2025	18:13	PO108984.D	8.73	3.72
AR1660ICC250	AR1660ICC250	01/21/2025	18:31	PO108985.D	8.71	3.70
AR1660ICC050	AR1660ICC050	01/21/2025	18:49	PO108986.D	8.71	3.70
AR1221ICC500	AR1221ICC500	01/21/2025	19:07	PO108987.D	8.71	3.70
AR1232ICC500	AR1232ICC500	01/21/2025	19:26	PO108988.D	8.71	3.70
AR1242ICC1000	AR1242ICC1000	01/21/2025	19:44	PO108989.D	8.71	3.70
AR1242ICC750	AR1242ICC750	01/21/2025	20:02	PO108990.D	8.71	3.70
AR1242ICC500	AR1242ICC500	01/21/2025	20:21	PO108991.D	8.71	3.70
AR1242ICC250	AR1242ICC250	01/21/2025	20:39	PO108992.D	8.71	3.70
AR1242ICC050	AR1242ICC050	01/21/2025	20:57	PO108993.D	8.71	3.70
AR1248ICC1000	AR1248ICC1000	01/21/2025	21:16	PO108994.D	8.71	3.70
AR1248ICC750	AR1248ICC750	01/21/2025	21:34	PO108995.D	8.71	3.70
AR1248ICC500	AR1248ICC500	01/21/2025	21:52	PO108996.D	8.71	3.70
AR1248ICC250	AR1248ICC250	01/21/2025	22:10	PO108997.D	8.71	3.70
AR1248ICC050	AR1248ICC050	01/21/2025	22:29	PO108998.D	8.71	3.70
AR1254ICC1000	AR1254ICC1000	01/21/2025	22:47	PO108999.D	8.71	3.70
AR1254ICC750	AR1254ICC750	01/21/2025	23:05	PO109000.D	8.71	3.70
AR1254ICC500	AR1254ICC500	01/21/2025	23:23	PO109001.D	8.71	3.70
AR1254ICC250	AR1254ICC250	01/21/2025	23:42	PO109002.D	8.71	3.70
AR1254ICC050	AR1254ICC050	01/22/2025	00:00	PO109003.D	8.71	3.70
AR1262ICC500	AR1262ICC500	01/22/2025	00:18	PO109004.D	8.71	3.70
AR1268ICC1000	AR1268ICC1000	01/22/2025	00:37	PO109005.D	8.71	3.70
AR1268ICC750	AR1268ICC750	01/22/2025	00:55	PO109006.D	8.71	3.70
AR1268ICC500	AR1268ICC500	01/22/2025	01:13	PO109007.D	8.71	3.70
AR1268ICC250	AR1268ICC250	01/22/2025	01:31	PO109008.D	8.71	3.70
AR1268ICC050	AR1268ICC050	01/22/2025	01:50	PO109009.D	8.71	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	09:16	PO109317.D	8.71	3.69
IBLK	IBLK	01/31/2025	10:29	PO109321.D	8.71	3.70
PB166412BL	PB166412BL	01/31/2025	11:35	PO109323.D	8.71	3.70
PB166412BS	PB166412BS	01/31/2025	11:53	PO109324.D	8.71	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	17:22	PO109331.D	8.71	3.70
IBLK	IBLK	01/31/2025	18:35	PO109335.D	8.71	3.70
AR1660CCC500	AR1660CCC500	01/31/2025	22:43	PO109344.D	8.71	3.70
IBLK	IBLK	01/31/2025	23:57	PO109348.D	8.71	3.70
JPP-46.2-012925	Q1232-03	02/01/2025	00:15	PO109349.D	8.71	3.70
JPP-46.2-012925MS	Q1232-03MS	02/01/2025	00:33	PO109350.D	8.71	3.70
JPP-46.2-012925MSD	Q1232-03MSD	02/01/2025	00:51	PO109351.D	8.71	3.70
JPP-46.1-012925	Q1232-07	02/01/2025	01:09	PO109352.D	8.71	3.70
JPP-42.1-012925	Q1232-11	02/01/2025	01:27	PO109353.D	8.71	3.70

Analytical Sequence

JPP-42.2-012925	Q1232-15	02/01/2025	01:46	PO109354.D	8.71	3.70
JPP-51.1-012925	Q1232-19	02/01/2025	02:04	PO109355.D	8.71	3.70
AR1660CCC500	AR1660CCC500	02/01/2025	06:43	PO109364.D	8.71	3.70
LBLK	LBLK	02/01/2025	07:01	PO109365.D	8.71	3.70
LBLK	LBLK	02/03/2025	17:58	PO109369.D	8.71	3.70
AR1660ICC1000	AR1660ICC1000	02/03/2025	18:17	PO109370.D	8.71	3.70
AR1660ICC750	AR1660ICC750	02/03/2025	18:35	PO109371.D	8.71	3.70
AR1660ICC500	AR1660ICC500	02/03/2025	18:53	PO109372.D	8.71	3.70
AR1660ICC250	AR1660ICC250	02/03/2025	19:12	PO109373.D	8.71	3.70
AR1660ICC050	AR1660ICC050	02/03/2025	19:30	PO109374.D	8.71	3.69
AR1221ICC500	AR1221ICC500	02/03/2025	19:49	PO109375.D	8.71	3.70
AR1232ICC500	AR1232ICC500	02/03/2025	20:07	PO109376.D	8.71	3.70
AR1242ICC1000	AR1242ICC1000	02/03/2025	20:25	PO109377.D	8.71	3.70
AR1242ICC750	AR1242ICC750	02/03/2025	20:44	PO109378.D	8.71	3.70
AR1242ICC500	AR1242ICC500	02/03/2025	21:02	PO109379.D	8.71	3.69
AR1242ICC250	AR1242ICC250	02/03/2025	21:19	PO109380.D	8.71	3.69
AR1242ICC050	AR1242ICC050	02/03/2025	21:38	PO109381.D	8.71	3.69
AR1248ICC1000	AR1248ICC1000	02/03/2025	21:56	PO109382.D	8.71	3.69
AR1248ICC750	AR1248ICC750	02/03/2025	22:14	PO109383.D	8.71	3.69
AR1248ICC500	AR1248ICC500	02/03/2025	22:32	PO109384.D	8.71	3.69
AR1248ICC250	AR1248ICC250	02/03/2025	22:50	PO109385.D	8.71	3.69
AR1248ICC050	AR1248ICC050	02/03/2025	23:08	PO109386.D	8.71	3.69
AR1254ICC1000	AR1254ICC1000	02/03/2025	23:27	PO109387.D	8.71	3.70
AR1254ICC750	AR1254ICC750	02/03/2025	23:45	PO109388.D	8.71	3.70
AR1254ICC500	AR1254ICC500	02/04/2025	00:03	PO109389.D	8.71	3.70
AR1254ICC250	AR1254ICC250	02/04/2025	00:22	PO109390.D	8.71	3.70
AR1254ICC050	AR1254ICC050	02/04/2025	00:40	PO109391.D	8.71	3.69
AR1262ICC500	AR1262ICC500	02/04/2025	00:58	PO109392.D	8.71	3.70
AR1268ICC1000	AR1268ICC1000	02/04/2025	01:17	PO109393.D	8.71	3.70
AR1268ICC750	AR1268ICC750	02/04/2025	01:35	PO109394.D	8.71	3.70
AR1268ICC500	AR1268ICC500	02/04/2025	01:54	PO109395.D	8.71	3.70
AR1268ICC250	AR1268ICC250	02/04/2025	02:12	PO109396.D	8.71	3.70
AR1268ICC050	AR1268ICC050	02/04/2025	02:30	PO109397.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/04/2025	08:32	PO109405.D	8.71	3.70
LBLK	LBLK	02/04/2025	08:51	PO109406.D	8.71	3.69
JPP-46.2-012925RE	Q1232-03RE	02/04/2025	09:09	PO109407.D	8.71	3.70
JPP-46.2-012925MSRE	Q1232-03MSRE	02/04/2025	09:27	PO109408.D	8.71	3.69
JPP-46.2-012925MSDRE	Q1232-03MSDRE	02/04/2025	09:46	PO109409.D	8.71	3.69
JPP-46.1-012925RE	Q1232-07RE	02/04/2025	10:04	PO109410.D	8.71	3.69
JPP-42.1-012925RE	Q1232-11RE	02/04/2025	10:22	PO109411.D	8.71	3.69
JPP-42.2-012925RE	Q1232-15RE	02/04/2025	10:40	PO109412.D	8.72	3.71
JPP-51.1-012925RE	Q1232-19RE	02/04/2025	10:59	PO109413.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/04/2025	13:58	PO109422.D	8.71	3.69
LBLK	LBLK	02/04/2025	14:16	PO109423.D	8.71	3.70