

Analytical Sequence

Client: Langan Engineering and Environmental Se	SDG No.: Q3310
Project: Con Edison Richmond Terrace	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2025 09/23/2025

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	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/10/2025	08:51	PP075704.D	10.42	4.65
IBLK	IBLK	10/10/2025	09:59	PP075708.D	10.42	4.65
PB170053BL	PB170053BL	10/10/2025	12:42	PP075711.D	10.42	4.65
SS-01-0-1	Q3310-01	10/10/2025	13:31	PP075714.D	10.42	4.65
SS-01-1-2	Q3310-02	10/10/2025	13:47	PP075715.D	10.42	4.65
SS-01-1-2MS	Q3310-02MS	10/10/2025	14:03	PP075716.D	10.42	4.65
SS-01-1-2MSD	Q3310-02MSD	10/10/2025	14:20	PP075717.D	10.42	4.65
SS-01-2-3	Q3310-03	10/10/2025	14:36	PP075718.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/10/2025	15:57	PP075719.D	10.42	4.65
IBLK	IBLK	10/10/2025	17:02	PP075723.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/15/2025	09:46	PP075786.D	10.43	4.65
IBLK	IBLK	10/15/2025	11:09	PP075790.D	10.43	4.65
PB170053BS	PB170053BS	10/15/2025	11:26	PP075791.D	10.43	4.65

Analytical Sequence

AR1660CCC500	AR1660CCC500	10/15/2025	15:46	PP075801.D	10.43	4.66
I.BLK	I.BLK	10/15/2025	16:51	PP075805.D	10.43	4.65

Analytical Sequence

Client: Langan Engineering and Environmental Se	SDG No.: Q3310
Project: Con Edison Richmond Terrace	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2025 09/23/2025

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	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/10/2025	08:51	PP075704.D	8.79	3.79
IBLK	IBLK	10/10/2025	09:59	PP075708.D	8.79	3.79
PB170053BL	PB170053BL	10/10/2025	12:42	PP075711.D	8.79	3.79
SS-01-0-1	Q3310-01	10/10/2025	13:31	PP075714.D	8.79	3.79
SS-01-1-2	Q3310-02	10/10/2025	13:47	PP075715.D	8.79	3.79
SS-01-1-2MS	Q3310-02MS	10/10/2025	14:03	PP075716.D	8.79	3.79
SS-01-1-2MSD	Q3310-02MSD	10/10/2025	14:20	PP075717.D	8.79	3.79
SS-01-2-3	Q3310-03	10/10/2025	14:36	PP075718.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/10/2025	15:57	PP075719.D	8.79	3.79
IBLK	IBLK	10/10/2025	17:02	PP075723.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/15/2025	09:46	PP075786.D	8.79	3.79
IBLK	IBLK	10/15/2025	11:09	PP075790.D	8.79	3.79
PB170053BS	PB170053BS	10/15/2025	11:26	PP075791.D	8.79	3.79

Analytical Sequence

AR1660CCC500	AR1660CCC500	10/15/2025	15:46	PP075801.D	8.80	3.79
I.BLK	I.BLK	10/15/2025	16:51	PP075805.D	8.79	3.79