



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB109190

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP84283
calibration std. phosphate 0.5 ppm	WP84282
calibration std. phosphate 0.3 ppm	WP84281
calibration std. phosphate 0.1 ppm	WP84280
calibration std. phosphate 0.05 ppm	WP84279
calibration std. 0 ppm	WP84278
phosphate CCV std.	WP84284
5N sulfuric acid	WP84066
Combined reagent	WP84288
Phenolphthalein indicator	WP81711
Phosphate ICV-LCS Std	WP84285
Phosphate LOD-MDL Std 0.025ppm	WP84286

Intercept: 0.0023

Slope: 0.5984

Regression: 0.999912

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	05/15/2020	14:10
2	CAL2	0.05	1	50	50	0.031	05/15/2020	14:10
3	CAL3	0.10	1	50	50	0.063	05/15/2020	14:11
4	CAL4	0.30	1	50	50	0.182	05/15/2020	14:11
5	CAL5	0.50	1	50	50	0.307	05/15/2020	14:12
6	CAL6	1.00	1	50	50	0.598	05/15/2020	14:13



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Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	AnalDate	AnalTime
1	ICV	0.50	1	50	50	0.305	0.506	05/15/2020	14:14
2	ICB		1	50	50	0.000	-0.004	05/15/2020	14:15
3	CCV1	0.5	1	50	50	0.307	0.509	05/15/2020	14:15
4	CCB1		1	50	50	0.000	-0.004	05/15/2020	14:16
5	LB109190BL		1	50	50	0.000	-0.004	05/15/2020	14:16
6	LB109190BS	0.5	1	50	50	0.308	0.511	05/15/2020	14:17
7	L2182-09		1	50	50	0.019	0.028	05/15/2020	14:17
8	L2677-01		1	50	50	0.797	1.328	05/15/2020	14:18
9	L2677-01DUP		1	50	50	2.610	4.358	05/15/2020	14:19
10	L2677-01MS	0.5	1	50	50	2.994	4.999	05/15/2020	14:19
11	L2677-01MSD	0.5	1	50	50	2.990	4.993	05/15/2020	14:19
12	L2677-01		50	50	50	0.306	0.508	05/15/2020	14:40
13	L2677-01DUP		50	50	50	0.303	0.503	05/15/2020	14:41
14	L2677-01MS	0.5	50	50	50	0.308	0.511	05/15/2020	14:41
15	CCV2	0.5	1	50	50	0.309	0.513	05/15/2020	14:42
16	CCB2		1	50	50	0.000	-0.004	05/15/2020	14:42
17	L2677-01MSD	0.5	50	50	50	0.307	0.509	05/15/2020	14:43
18	CCV3	0.5	1	50	50	0.309	0.513	05/15/2020	14:43
19	CCB3		1	50	50	0.000	-0.004	05/15/2020	14:44