



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB109948

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP85304
calibration std. phosphate 0.5 ppm	WP85303
calibration std. phosphate 0.05 ppm	WP85299
calibration std. 0 ppm	WP85298
phosphate CCV std.	WP85361
5N sulfuric acid	WP84066
Combined reagent	WP85366
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP82378
Phosphosphate LOQ std, 0.05PPM	WP85364
Phosphate ICV-LCS Std	WP85362
Phosphate LOD-MDL Std 0.025ppm	WP85363
calibration std. phosphate 0.1 ppm	WP85301
calibration std. phosphate 0.3 ppm	WP85302

Intercept: 0.0004

Slope: 0.6194

Regression: 0.999858

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	07/10/2020	12:25
2	CAL2	0.05	1	50	50	0.035	07/10/2020	12:25
3	CAL3	0.10	1	50	50	0.065	07/10/2020	12:26
4	CAL4	0.30	1	50	50	0.179	07/10/2020	12:26
5	CAL5	0.50	1	50	50	0.309	07/10/2020	12:27
6	CAL6	1.00	1	50	50	0.622	07/10/2020	12:27



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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	0.310	0.500	07/10/2020	12:28
2	ICB		1	50	50	0.000	-0.001	07/10/2020	12:28
3	CCV1	0.5	1	50	50	0.305	0.492	07/10/2020	12:29
4	CCB1		1	50	50	0.000	-0.001	07/10/2020	12:29
5	LB109948BL		1	50	50	0.000	-0.001	07/10/2020	12:30
6	LB109948BS	0.5	1	50	50	0.306	0.493	07/10/2020	12:31
7	L3216-07		1	50	50	0.016	0.025	07/10/2020	12:32
8	L3216-08		1	50	50	0.029	0.046	07/10/2020	12:32
9	L3269-01		1	50	50	1.014	1.636	07/10/2020	12:33
10	L3269-01DUP		1	50	50	1.072	1.730	07/10/2020	12:33
11	L3269-01MS	0.5	1	50	50	1.090	1.759	07/10/2020	12:34
12	L3269-01MSD	0.5	1	50	50	1.092	1.762	07/10/2020	12:34
13	L3269-01		50	50	50	0.389	0.627	07/10/2020	12:52
14	L3269-01DUP		50	50	50	0.408	0.658	07/10/2020	12:52
15	CCV2	0.5	1	50	50	0.307	0.495	07/10/2020	12:53
16	CCB2		1	50	50	0.000	-0.001	07/10/2020	12:53
17	L3269-01MS	0.5	50	50	50	0.393	0.634	07/10/2020	12:54
18	L3269-01MSD	0.5	50	50	50	0.393	0.634	07/10/2020	12:54
19	CCV3	0.5	1	50	50	0.307	0.495	07/10/2020	12:55
20	CCB3		1	50	50	0.000	-0.001	07/10/2020	12:55

LB1099418
 WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-71020 WorkList ID : 140327 Department : Wet-Chemistry Date : 07-10-2020 08:54:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/11/2020	Water	L3269-01 B	Phosphorus-Ortho	Cool 4 deg C	HOLL01	P61	EFFLUENT	07/09/2020	SM4500-P E

Date/Time 7/10/2020 11:50
 Received by: AM (wet chem)
 Relinquished by: Jo (wet chem)

Date/Time 7/10/2020 13:06
 Received by: Jo (wet chem)
 Relinquished by: AM (wet chem)