



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB111263

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP87164
calibration std. phosphate 0.5 ppm	WP87163
calibration std. phosphate 0.3 ppm	WP87162
calibration std. phosphate 0.1 ppm	WP87161
calibration std. phosphate 0.05 ppm	WP87160
calibration std. 0 ppm	WP87159
phosphate CCV std.	WP87165
5N sulfuric acid	WP84066
Combined reagent	WP87170
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP87166
Phosphate LOD-MDL Std 0.025ppm	WP87167
Phosphphate LOQ std, 0.05PPM	WP87168

Intercept: 0.0023

Slope: 0.6259

Regression: 0.999911

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	10/01/2020	10:05
2	CAL2	0.05	1	50	50	0.032	10/01/2020	10:05
3	CAL3	0.10	1	50	50	0.064	10/01/2020	10:06
4	CAL4	0.30	1	50	50	0.193	10/01/2020	10:06
5	CAL5	0.50	1	50	50	0.320	10/01/2020	10:07
6	CAL6	1.00	1	50	50	0.625	10/01/2020	10:07



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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	0.316	0.501	10/01/2020	10:08
2	ICB		1	50	50	0.000	-0.004	10/01/2020	10:09
3	CCV1	0.5	1	50	50	0.309	0.490	10/01/2020	10:09
4	CCB1		1	50	50	0.000	-0.004	10/01/2020	10:10
5	LB111263BL		1	50	50	0.000	-0.004	10/01/2020	10:10
6	LB111263BS	0.5	1	50	50	0.319	0.506	10/01/2020	10:11
7	L4197-01		1	50	50	2.554	4.077	10/01/2020	10:12
8	L4197-01DUP		1	50	50	2.676	4.272	10/01/2020	10:12
9	L4197-01MS	0.5	1	50	50	2.688	4.291	10/01/2020	10:13
10	L4197-01MSD	0.5	1	50	50	2.792	4.457	10/01/2020	10:14
11	L4214-07		1	50	50	0.018	0.025	10/01/2020	10:14
12	L4214-08		1	50	50	0.038	0.057	10/01/2020	10:14
13	L4197-01		50	50	50	0.263	0.417	10/01/2020	10:30
14	L4197-01DUP		50	50	50	0.271	0.429	10/01/2020	10:30
15	CCV2	0.5	1	50	50	0.321	0.509	10/01/2020	10:31
16	CCB2		1	50	50	0.000	-0.004	10/01/2020	10:32
17	L4197-01MS	0.5	50	50	50	0.265	0.420	10/01/2020	10:32
18	L4197-01MSD	0.5	50	50	50	0.266	0.421	10/01/2020	10:33
19	CCV3	0.5	1	50	50	0.319	0.506	10/01/2020	10:34
20	CCB3		1	50	50	0.000	-0.004	10/01/2020	10:34

WorkList Name : OP-100120 WorkList ID : 142837 Department : Wet-Chemistry Date : 10-01-2020 09:10:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/01/2020	Water	L4197-01C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	O11	EFFLUENT	09/29/2020	SM4500-P E

Date/Time 10/01/2020 9:30
 Received by: AMC (wet-chem)
 Relinquished by: KS (wet-chem)

Date/Time 10/01/2020 10:40
 Received by: KS (wet-chem)
 Relinquished by: AMC (wet-chem)