



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB111557

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP87609
calibration std. phosphate 0.5 ppm	WP87608
calibration std. phosphate 0.3 ppm	WP87607
calibration std. phosphate 0.1 ppm	WP87606
calibration std. phosphate 0.05 ppm	WP87605
calibration std. 0 ppm	WP87604
phosphate CCV std.	WP87610
5N sulfuric acid	WP84066
Combined reagent	WP87614
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP87611
Phosphate LOD-MDL Std 0.025ppm	WP87612

Intercept: 0.0004

Slope: 0.6419

Regression: 0.999681

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	10/16/2020	13:15
2	CAL2	0.05	1	50	50	0.037	10/16/2020	13:15
3	CAL3	0.10	1	50	50	0.070	10/16/2020	13:16
4	CAL4	0.30	1	50	50	0.182	10/16/2020	13:16
5	CAL5	0.50	1	50	50	0.319	10/16/2020	13:17
6	CAL6	1.00	1	50	50	0.646	10/16/2020	13:17



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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	0.325	0.506	10/16/2020	13:19
2	ICB		1	50	50	0.000	-0.001	10/16/2020	13:19
3	CCV1	0.5	1	50	50	0.329	0.512	10/16/2020	13:20
4	CCB1		1	50	50	0.000	-0.001	10/16/2020	13:20
5	LB111557BL		1	50	50	0.000	-0.001	10/16/2020	13:21
6	LB111557BS	0.5	1	50	50	0.327	0.509	10/16/2020	13:21
7	L4214-09		1	50	50	0.020	0.031	10/16/2020	13:22
8	L4445-01		1	50	50	1.432	2.230	10/16/2020	13:22
9	L4445-01DUP		1	50	50	1.440	2.243	10/16/2020	13:23
10	L4445-01MS	0.5	1	50	50	1.450	2.258	10/16/2020	13:24
11	L4445-01MSD	0.5	1	50	50	1.452	2.261	10/16/2020	13:24
12	L4445-01		50	50	50	0.339	0.527	10/16/2020	13:42
13	L4445-01DUP		50	50	50	0.337	0.524	10/16/2020	13:42
14	L4445-01MS	0.5	50	50	50	0.343	0.534	10/16/2020	13:43
15	CCV2	0.5	1	50	50	0.322	0.501	10/16/2020	13:43
16	CCB2		1	50	50	0.000	-0.001	10/16/2020	13:44
17	L4445-01MSD	0.5	50	50	50	0.342	0.532	10/16/2020	13:45
18	CCV3	0.5	1	50	50	0.328	0.510	10/16/2020	13:45
19	CCB3		1	50	50	0.000	-0.001	10/16/2020	13:46

LB11557

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-101620 WorkList ID : 143384 Department : Wet-Chemistry Date : 10-16-2020 08:49:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/17/2020	Water	L4445-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	P21	EFFLUENT	10/15/2020	SM4500-P E

Date/Time 10/16/2020 12:40
Received by: Am (wet-chem)
Relinquished by: 77 (wolt) (nm)

Date/Time 10/16/2020 12:50
Received by: 77 (wet-chem)
Relinquished by: Am (wet-chem)