



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB108161

Reagent/Standard	Lot/Log #
phosphate LCS std	WP82743
calibration std. phosphate 1 ppm	WP82749
calibration std. phosphate 0.5 ppm	WP82748
calibration std. phosphate 0.3 ppm	WP82747
calibration std. 0 ppm	WP82744
phosphate ICV std.	WP82750
phosphate CCV std.	WP82742
calibration std. phosphate 0.1 ppm	WP82746
calibration std. phosphate 0.05 ppm	WP82745
Combined reagent	WP82777
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP82378
5N sulfuric acid	WP79628

Intercept: 0.0026

Slope: 0.6259

Regression: 0.999942

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	03/06/2020	14:10
2	CAL2	0.05	1	50	50	0.033	03/06/2020	14:10
3	CAL3	0.10	1	50	50	0.065	03/06/2020	14:11
4	CAL4	0.30	1	50	50	0.193	03/06/2020	14:11
5	CAL5	0.50	1	50	50	0.319	03/06/2020	14:12
6	CAL6	1.00	1	50	50	0.626	03/06/2020	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	0.321	0.509	03/06/2020	14:13
2	ICB		1	50	50	0.000	-0.004	03/06/2020	14:14
3	CCV1	0.5	1	50	50	0.326	0.517	03/06/2020	14:14
4	CCB1		1	50	50	0.000	-0.004	03/06/2020	14:15
5	LB108161BL		1	50	50	0.000	-0.004	03/06/2020	14:16
6	LB108161BS	0.5	1	50	50	0.324	0.514	03/06/2020	14:17
7	L1801-12		1	50	50	1.269	2.023	03/06/2020	14:17
8	L1833-01		1	50	50	2.081	3.321	03/06/2020	14:18
9	L1833-01DUP		1	50	50	2.077	3.314	03/06/2020	14:18
10	L1833-01MS	0.5	1	50	50	2.171	3.464	03/06/2020	14:19
11	L1833-01MSD	0.5	1	50	50	2.168	3.460	03/06/2020	14:19
12	L1801-12		10	50	50	0.308	0.488	03/06/2020	14:35
13	L1833-01		50	50	50	0.343	0.544	03/06/2020	14:35
14	L1833-01DUP		50	50	50	0.347	0.550	03/06/2020	14:36
15	CCV2	0.5	1	50	50	0.324	0.514	03/06/2020	14:36
16	CCB2		1	50	50	0.000	-0.004	03/06/2020	14:37
17	L1833-01MS	0.5	50	50	50	0.349	0.553	03/06/2020	14:37
18	L1833-01MSD	0.5	50	50	50	0.350	0.555	03/06/2020	14:38
19	CCV3	0.5	1	50	50	0.325	0.515	03/06/2020	14:39
20	CCB3		1	50	50	0.000	-0.004	03/06/2020	14:39

LB108161 WORKLIST(Hardcopy Internal Chain)

WorkList Name : Phosphorus-Ortho-30620 WorkList ID : 136810 Department : Wet-Chemistry Date : 03-06-2020 14:31:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/07/2020	Water	L1833-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	O61	EFFLUENT	03/05/2020	SM4500-P E

Date/Time 3/6/2020 13:45
 Received by: AM
 Relinquished by: SO

Date/Time 3/6/2020 14:45
 Received by: SO
 Relinquished by: AM