



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB109586

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP84792
calibration std. phosphate 0.5 ppm	WP84791
calibration std. phosphate 0.3 ppm	WP84790
calibration std. phosphate 0.1 ppm	WP84789
calibration std. phosphate 0.05 ppm	WP84788
calibration std. 0 ppm	WP84787
phosphate CCV std.	WP84793
5N sulfuric acid	WP84066
Combined reagent	WP84796
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP82378
Phosphate ICV-LCS Std	WP84794

Intercept: 0.0012

Slope: 0.6185

Regression: 0.999815

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	06/12/2020	14:50
2	CAL2	0.05	1	50	50	0.035	06/12/2020	14:50
3	CAL3	0.10	1	50	50	0.068	06/12/2020	14:51
4	CAL4	0.30	1	50	50	0.179	06/12/2020	14:51
5	CAL5	0.50	1	50	50	0.309	06/12/2020	14:52
6	CAL6	1.00	1	50	50	0.622	06/12/2020	14:52



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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	0.314	0.506	06/12/2020	14:55
2	ICB		1	50	50	0.000	-0.002	06/12/2020	14:55
3	CCV1	0.5	1	50	50	0.312	0.503	06/12/2020	14:56
4	CCB1		1	50	50	0.000	-0.002	06/12/2020	14:56
5	LB109586BL		1	50	50	0.000	-0.002	06/12/2020	14:57
6	LB109586BS	0.5	1	50	50	0.311	0.501	06/12/2020	14:57
7	L3007-01		1	50	50	2.402	3.882	06/12/2020	14:58
8	L3007-01DUP		1	50	50	2.362	3.817	06/12/2020	14:58
9	L3007-01MS	0.5	1	50	50	2.442	3.946	06/12/2020	14:59
10	L3007-01MSD	0.5	1	50	50	2.440	3.943	06/12/2020	14:59
11	L3007-01		50	50	50	0.467	0.753	06/12/2020	15:20
12	L3007-01DUP		50	50	50	0.482	0.777	06/12/2020	15:20
13	L3007-01MS	0.5	50	50	50	0.469	0.756	06/12/2020	15:21
14	L3007-01MSD	0.5	50	50	50	0.469	0.756	06/12/2020	15:21
15	CCV2	0.5	1	50	50	0.310	0.499	06/12/2020	15:22
16	CCB2		1	50	50	0.000	-0.002	06/12/2020	15:22

LB109586 WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-61220 WorkList ID : 139594 Department : Wet-Chemistry Date : 06-12-2020 13:28:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/13/2020	Water	L3007-01	Phosphorus-Ortho	Conc H2SO4 1c	HOLL01	P22	EFFLUENT	06/11/2020	SM4500-P E

Date/Time 6/12/2020 13:40
 Received by: JP AM
 Relinquished by: JP

Date/Time 6/12/2020 16:05
 Received by: JP
 Relinquished by: JP