



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB109370

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP84533
calibration std. phosphate 0.5 ppm	WP84532
calibration std. phosphate 0.3 ppm	WP84531
calibration std. phosphate 0.1 ppm	WP84530
calibration std. phosphate 0.05 ppm	WP84529
calibration std. 0 ppm	WP84528
phosphate CCV std.	WP84534
5N sulfuric acid	WP84066
Combined reagent	WP84537
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP82378
Phosphate ICV-LCS Std	WP84535

Intercept: 0.0045

Slope: 0.5888

Regression: 0.999905

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	05/29/2020	13:10
2	CAL2	0.05	1	50	50	0.036	05/29/2020	13:10
3	CAL3	0.10	1	50	50	0.066	05/29/2020	13:11
4	CAL4	0.30	1	50	50	0.179	05/29/2020	13:11
5	CAL5	0.50	1	50	50	0.302	05/29/2020	13:12
6	CAL6	1.00	1	50	50	0.592	05/29/2020	13:12



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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	0.301	0.504	05/29/2020	13:14
2	ICB		1	50	50	0.000	-0.008	05/29/2020	13:14
3	CCV1	0.5	1	50	50	0.304	0.509	05/29/2020	13:15
4	CCB1		1	50	50	0.000	-0.008	05/29/2020	13:15
5	LB109370BL		1	50	50	0.000	-0.008	05/29/2020	13:16
6	LB109370BS	0.5	1	50	50	0.298	0.498	05/29/2020	13:16
7	L2824-01		1	50	50	2.518	4.269	05/29/2020	13:17
8	L2824-01DUP		1	50	50	2.428	4.116	05/29/2020	13:17
9	L2824-01MS	0.5	1	50	50	2.548	4.320	05/29/2020	13:18
10	L2824-01MSD	0.5	1	50	50	2.550	4.323	05/29/2020	13:18
11	L2824-01		50	50	50	0.349	0.585	05/29/2020	13:39
12	L2824-01DUP		50	50	50	0.346	0.580	05/29/2020	13:39
13	L2824-01MS	0.5	50	50	50	0.351	0.588	05/29/2020	13:40
14	CCV2	0.5	1	50	50	0.301	0.504	05/29/2020	13:40
15	CCB2		1	50	50	0.000	-0.008	05/29/2020	13:41
16	L2824-01MSD	0.5	50	50	50	0.352	0.590	05/29/2020	13:41
17	CCV3	0.5	1	50	50	0.299	0.500	05/29/2020	13:42
18	CCB3		1	50	50	0.000	-0.008	05/29/2020	13:42

LB109370
WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-5292020 WorkList ID : 139166 Department : Wet-Chemistry Date : 05-29-2020 12:25:51

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/30/2020	Water	L2824-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	P13	EFFLUENT	05/28/2020	SM4500-P E

Date/Time 5/29/2020 12:30
 Received by: AM
 Relinquished by: JP

Date/Time 5/29/2020 13:45
 Received by: JP
 Relinquished by: Am