



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB111051

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP86890
calibration std. phosphate 0.5 ppm	WP86889
calibration std. phosphate 0.3 ppm	WP86888
calibration std. phosphate 0.1 ppm	WP86887
calibration std. phosphate 0.05 ppm	WP86886
calibration std. 0 ppm	WP86885
phosphate CCV std.	WP86891
5N sulfuric acid	WP84066
Combined reagent	WP86894
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP86892

Intercept: 0.0029

Slope: 0.6501

Regression: 0.999909

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	09/18/2020	13:35
2	CAL2	0.05	1	50	50	0.036	09/18/2020	13:35
3	CAL3	0.10	1	50	50	0.067	09/18/2020	13:36
4	CAL4	0.30	1	50	50	0.198	09/18/2020	13:36
5	CAL5	0.50	1	50	50	0.334	09/18/2020	13:37
6	CAL6	1.00	1	50	50	0.650	09/18/2020	13:37



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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	0.320	0.488	09/18/2020	13:39
2	ICB		1	50	50	0.000	-0.004	09/18/2020	13:39
3	CCV1	0.5	1	50	50	0.337	0.514	09/18/2020	13:40
4	CCB1		1	50	50	0.000	-0.004	09/18/2020	13:40
5	LB111051BL		1	50	50	0.000	-0.004	09/18/2020	13:41
6	LB111051BS	0.5	1	50	50	0.324	0.494	09/18/2020	13:42
7	L3974-12		1	50	50	1.681	2.581	09/18/2020	13:42
8	L4088-01		1	50	50	0.897	1.375	09/18/2020	13:43
9	L4088-01DUP		1	50	50	0.865	1.326	09/18/2020	13:43
10	L4088-01MS	0.5	1	50	50	0.902	1.383	09/18/2020	13:44
11	L4088-01MSD	0.5	1	50	50	0.903	1.385	09/18/2020	13:44
12	L3974-12		10	50	50	0.334	0.509	09/18/2020	14:05
13	L4088-01		50	50	50	0.337	0.514	09/18/2020	14:06
14	L4088-01DUP		50	50	50	0.340	0.519	09/18/2020	14:06
15	CCV2	0.5	1	50	50	0.328	0.500	09/18/2020	14:07
16	CCB2		1	50	50	0.000	-0.004	09/18/2020	14:07
17	L4088-01MS	0.5	50	50	50	0.340	0.519	09/18/2020	14:08
18	L4088-01MSD	0.5	50	50	50	0.341	0.520	09/18/2020	14:08
19	CCV3	0.5	1	50	50	0.330	0.503	09/18/2020	14:09
20	CCB3		1	50	50	0.000	-0.004	09/18/2020	14:09

LB111051
WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-91820 WorkList ID : 142459 Department : Wet-Chemistry Date : 09-18-2020 11:32:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/19/2020	Water	L4088-01 C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	P61	EFFLUENT	09/17/2020	SM4500-P E

Date/Time 9/18/2020 13:00
 Received by: AM wet chem
 Relinquished by: CP (SM)

Date/Time 9/18/2020 14:15
 Received by: CP (SM)
 Relinquished by: AM wet chem