



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB113194

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP89578
calibration std. phosphate 0.5 ppm	WP89577
calibration std. phosphate 0.3 ppm	WP89576
calibration std. phosphate 0.1 ppm	WP89575
calibration std. phosphate 0.05 ppm	WP89574
calibration std. 0 ppm	WP89573
phosphate CCV std.	WP89579
5N sulfuric acid	WP88023
Combined reagent	WP89582
Phenolphthalein indicator	WP88839
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP89580

Intercept: 0.0018

Slope: 0.6407

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	02/19/2021	13:25
2	CAL2	0.05	1	50	50	0.036	02/19/2021	13:26
3	CAL3	0.10	1	50	50	0.070	02/19/2021	13:26
4	CAL4	0.30	1	50	50	0.189	02/19/2021	13:27
5	CAL5	0.50	1	50	50	0.321	02/19/2021	13:27
6	CAL6	1.00	1	50	50	0.644	02/19/2021	13:28



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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	0.323	0.501	02/19/2021	13:29
2	ICB		1	50	50	0.000	-0.003	02/19/2021	13:29
3	CCV1	0.5	1	50	50	0.334	0.518	02/19/2021	13:30
4	CCB1		1	50	50	0.001	-0.001	02/19/2020	13:30
5	LB113194BL		1	50	50	0.001	-0.001	02/19/2021	13:31
6	LB113194BS	0.5	1	50	50	0.318	0.494	02/19/2021	13:32
7	M1455-01		1	50	50	1.917	2.989	02/19/2021	13:32
8	M1455-01DUP		1	50	50	1.926	3.003	02/19/2021	13:33
9	M1455-01MS	0.5	1	50	50	1.967	3.067	02/19/2021	13:34
10	M1455-01MSD	0.5	1	50	50	1.975	3.080	02/19/2021	13:34
11	M1455-01		50	50	50	0.494	0.768	02/19/2021	13:56
12	M1455-01DUP		50	50	50	0.499	0.776	02/19/2021	13:56
13	M1455-01MS	0.5	50	50	50	0.495	0.770	02/19/2021	13:57
14	M1455-01MSD	0.5	50	50	50	0.496	0.771	02/19/2021	13:57
15	CCV2	0.5	1	50	50	0.332	0.515	02/19/2021	13:58
16	CCB2		1	50	50	0.002	0.000	02/19/2021	13:58

LB113194
WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-21921 WorkList ID : 146531 Department : Wet-Chemistry Date : 02-19-2021 11:12:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/20/2021	Water	M1455-01C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	H11	EFFLUENT	02/18/2021	SM4500-P E

Date/Time 02/19/2021 13:00
 Received by: AMC (wetchem)
 Relinquished by: KS (wetchem)

Date/Time 02/19/2021 14:10
 Received by: KS (wetchem)
 Relinquished by: AMC (wetchem)