



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB112355

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP88571
calibration std. phosphate 0.5 ppm	WP88570
calibration std. phosphate 0.3 ppm	WP88569
calibration std. phosphate 0.1 ppm	WP88568
calibration std. phosphate 0.05 ppm	WP88567
calibration std. 0 ppm	WP88566
phosphate CCV std.	WP88572
5N sulfuric acid	WP88023
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP88573
Combined reagent	WP88575

Intercept: 0.0017

Slope: 0.6552

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	12/11/2020	15:25
2	CAL2	0.05	1	50	50	0.040	12/11/2020	15:25
3	CAL3	0.10	1	50	50	0.070	12/11/2020	15:26
4	CAL4	0.30	1	50	50	0.190	12/11/2020	15:26
5	CAL5	0.50	1	50	50	0.329	12/11/2020	15:27
6	CAL6	1.00	1	50	50	0.659	12/11/2020	15:27



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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	0.486	12/11/2020	15:28
2	ICB		1	50	50	0.000	-0.003	12/11/2020	15:29
3	CCV1	0.5	1	50	50	0.326	0.495	12/11/2020	15:29
4	CCB1		1	50	50	0.000	-0.003	12/11/2020	15:30
5	LB112355BL		1	50	50	0.000	-0.003	12/11/2020	15:30
6	LB112355BS	0.5	1	50	50	0.320	0.486	12/11/2020	15:31
7	L5058-01		1	50	50	0.315	0.478	12/11/2020	15:31
8	L5058-01DUP		1	50	50	0.320	0.486	12/11/2020	15:32
9	L5058-01MS	0.5	1	50	50	0.511	0.777	12/11/2020	15:33
10	L5058-01MSD	0.5	1	50	50	0.507	0.771	12/11/2020	15:33
11	CCV2	0.5	1	50	50	0.338	0.513	12/11/2020	15:34
12	CCB2		1	50	50	0.000	-0.003	12/11/2020	15:34

LBH2357 LB12355

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-121120 WorkList ID : 144859 Department : Wet-Chemistry Date : 12-11-2020 12:02:50

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/12/2020	Water	L5058-01C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	L31	EFFLUENT	12/10/2020	SM4500-P E

Date/Time 12/11/2020 14:40
Received by: AM (wet-chem)
Relinquished by: SO (wet-chem)

Date/Time 12/11/2020 15:50
Received by: SO (wet-chem)
Relinquished by: AM (wet-chem)