



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB114020

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP90558
calibration std. phosphate 0.5 ppm	WP90557
calibration std. phosphate 0.3 ppm	WP90556
calibration std. phosphate 0.1 ppm	WP90555
calibration std. phosphate 0.05 ppm	WP90554
calibration std. 0 ppm	WP90553
phosphate CCV std.	WP90559
5N sulfuric acid	WP88023
Combined reagent	WP90562
Phenolphthalein indicator	WP88839
Sodium hydroxide, 1N	WP89699
Phosphate ICV-LCS Std	WP90560

Intercept: 0.0015

Slope: 0.6482

Regression: 0.999922

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	%D	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	-0.002		04/16/2021	16:15
2	CAL2	0.05	1	50	50	0.036	0.053	-6	04/16/2021	16:15
3	CAL3	0.10	1	50	50	0.070	0.106	-6	04/16/2021	16:16
4	CAL4	0.30	1	50	50	0.191	0.292	2.7	04/16/2021	16:17
5	CAL5	0.50	1	50	50	0.325	0.499	0.2	04/16/2021	16:18
6	CAL6	1.00	1	50	50	0.651	1.002	-0.2	04/16/2021	16:18



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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	0.331	0.508	04/16/2021	16:19
2	ICB		1	50	50	0.000	-0.002	04/16/2021	16:19
3	CCV1	0.5	1	50	50	0.325	0.499	04/16/2021	16:20
4	CCB1		1	50	50	0.001	-0.001	04/16/2021	16:21
5	LB114020BL		1	50	50	0.002	0.001	04/16/2021	16:21
6	LB114020BS	0.5	1	50	50	0.335	0.515	04/16/2021	16:22
7	M2071-01		1	50	50	2.071	3.193	04/16/2021	16:23
8	M2071-01DUP		1	50	50	2.082	3.210	04/16/2021	16:23
9	M2071-01MS	0.5	1	50	50	2.151	3.316	04/16/2021	16:24
10	M2071-01MSD	0.5	1	50	50	2.142	3.302	04/16/2021	16:24
11	M2071-01		50	50	50	0.520	0.800	04/16/2021	16:40
12	M2071-01DUP		50	50	50	0.524	0.806	04/16/2021	16:40
13	M2071-01MS	0.5	50	50	50	0.522	0.803	04/16/2021	16:41
14	M2071-01MSD	0.5	50	50	50	0.521	0.801	04/16/2021	16:41
15	CCV2	0.5	1	50	50	0.327	0.502	04/16/2021	16:42
16	CCB2		1	50	50	0.001	-0.001	04/16/2021	16:42

LB114020 WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-41621 WorkList ID : 148098 Department : Wet-Chemistry Date : 04-16-2021 14:29:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/17/2021	Water	M2071-01C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	P11	EFFLUENT	04/15/2021	SM4500-P E

Date/Time 04/16/2021 15:30
 Raw Sample Received by: APM (wet-chem)
 Raw Sample Relinquished by: JD (wet-chem)

Date/Time 04/16/2021 16:45
 Raw Sample Received by: JD (wet-chem)
 Raw Sample Relinquished by: APM (wet-chem)