



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB111780

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP87945
calibration std. phosphate 0.5 ppm	WP87944
calibration std. phosphate 0.3 ppm	WP87943
calibration std. phosphate 0.1 ppm	WP87942
calibration std. phosphate 0.05 ppm	WP87941
calibration std. 0 ppm	WP87940
phosphate CCV std.	WP87946
5N sulfuric acid	WP84066
Combined reagent	WP87949
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP87947

Intercept: 0.0017

Slope: 0.6414

Regression: 0.999893

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	10/30/2020	15:30
2	CAL2	0.05	1	50	50	0.039	10/30/2020	15:30
3	CAL3	0.10	1	50	50	0.067	10/30/2020	15:31
4	CAL4	0.30	1	50	50	0.189	10/30/2020	15:31
5	CAL5	0.50	1	50	50	0.321	10/30/2020	15:32
6	CAL6	1.00	1	50	50	0.645	10/30/2020	15:32



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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	0.332	0.515	10/30/2020	15:33
2	ICB		1	50	50	0.000	-0.003	10/30/2020	15:34
3	CCV1	0.5	1	50	50	0.326	0.506	10/30/2020	15:34
4	CCB1		1	50	50	0.000	-0.003	10/30/2020	15:35
5	LB111780BL		1	50	50	0.000	-0.003	10/30/2020	15:35
6	LB111780BS	0.5	1	50	50	0.331	0.513	10/30/2020	15:36
7	L4574-01		1	50	50	1.234	1.921	10/30/2020	15:37
8	L4574-01DUP		1	50	50	1.256	1.956	10/30/2020	15:37
9	L4574-01MS	0.5	1	50	50	1.313	2.044	10/30/2020	15:38
10	L4574-01MSD	0.5	1	50	50	1.302	2.027	10/30/2020	15:38
11	L4574-01		50	50	50	0.571	0.888	10/30/2020	16:02
12	L4574-01DUP		50	50	50	0.581	0.903	10/30/2020	16:02
13	L4574-01MS	0.5	50	50	50	0.574	0.892	10/30/2020	16:03
14	L4574-01MSD	0.5	50	50	50	0.575	0.894	10/30/2020	16:03
15	CCV2	0.5	1	50	50	0.329	0.510	10/30/2020	16:04
16	CCB2		1	50	50	0.000	-0.003	10/30/2020	16:04

LB111780 WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-103020 WorkList ID : 143783 Department : Wet-Chemistry Date : 10-30-2020 10:32:48

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/31/2020	Water	L4574-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	E41	EFFLUENT	10/29/2020	SM4500-P E

Date/Time 10/30/2020 15:00
 Received by: AM Wet Chem
 Relinquished by: JA Galt (Hem)

Date/Time 10/30/2020 16:10
 Received by: JA Galt (Hem)
 Relinquished by: AM Wet Chem