



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB108979

Reagent/Standard	Lot/Log #
calibration std. phosphate 0.3 ppm	WP83854
calibration std. phosphate 0.1 ppm	WP83853
calibration std. phosphate 0.05 ppm	WP83852
calibration std. 0 ppm	WP83851
phosphate CCV std.	WP83857
5N sulfuric acid	WP79628
Combined reagent	WP83958
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP82378
Phosphosphate LOQ std, 0.05PPM	WP83965
Phosphate ICV-LCS Std	WP83963
Phosphate LOD-MDL Std 0.025ppm	WP83964
calibration std. phosphate 0.5 ppm	WP83855
calibration std. phosphate 1 ppm	WP83856

Intercept: 0.0014

Slope: 0.625

Regression: 0.999972

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	05/01/2020	13:55
2	CAL2	0.05	1	50	50	0.032	05/01/2020	13:56
3	CAL3	0.10	1	50	50	0.065	05/01/2020	13:56
4	CAL4	0.30	1	50	50	0.188	05/01/2020	13:57
5	CAL5	0.50	1	50	50	0.317	05/01/2020	13:58
6	CAL6	1.00	1	50	50	0.625	05/01/2020	13:58



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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	0.312	0.497	05/01/2020	14:02
2	ICB		1	50	50	0.000	-0.002	05/01/2020	14:03
3	CCV1	0.5	1	50	50	0.318	0.507	05/01/2020	14:04
4	CCB1		1	50	50	0.000	-0.002	05/01/2020	14:04
5	LB108979BL		1	50	50	0.000	-0.002	05/01/2020	14:05
6	LB108979BS	0.5	1	50	50	0.314	0.500	05/01/2020	14:05
7	L2182-07		1	50	50	0.020	0.030	05/01/2020	14:06
8	L2182-08		1	50	50	0.036	0.055	05/01/2020	14:07
9	L2472-01		1	50	50	2.261	3.615	05/01/2020	14:07
10	L2472-01DUP		1	50	50	2.261	3.615	05/01/2020	14:08
11	L2472-01MS	0.5	1	50	50	2.280	3.646	05/01/2020	14:09
12	L2472-01MSD	0.5	1	50	50	2.279	3.644	05/01/2020	14:09
13	L2472-01		50	50	50	0.343	0.547	05/01/2020	14:30
14	L2472-01DUP		50	50	50	0.339	0.540	05/01/2020	14:30
15	CCV2	0.5	1	50	50	0.316	0.503	05/01/2020	14:31
16	CCB2		1	50	50	0.000	-0.002	05/01/2020	14:32
17	L2472-01MS	0.5	50	50	50	0.360	0.574	05/01/2020	14:33
18	L2472-01MSD	0.5	50	50	50	0.359	0.572	05/01/2020	14:33
19	CCV3	0.5	1	50	50	0.319	0.508	05/01/2020	14:34
20	CCB3		1	50	50	0.000	-0.002	05/01/2020	14:34

LB108979

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-5012020 WorkList ID : 138393 Department : Wet-Chemistry Date : 05-01-2020 11:45:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/02/2020	Water	L2472-01	Phosphorus-Ortho	Conc H2SO4 to	HOLL01	L23	EFFLUENT	04/30/2020	SM4500-P E

Date/Time 5/01/2020 13:20
Received by: AM
Relinquished by: Jo

Date/Time 5/01/2020 14:40
Received by: SO
Relinquished by: AM