



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Alexander

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB112138

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP88322
calibration std. phosphate 0.5 ppm	WP88321
calibration std. phosphate 0.3 ppm	WP88320
calibration std. phosphate 0.1 ppm	WP88319
calibration std. phosphate 0.05 ppm	WP88318
calibration std. 0 ppm	WP88317
phosphate CCV std.	WP88323
5N sulfuric acid	WP88023
Combined reagent	WP88326
Phenolphthalein indicator	WP85963
Sodium hydroxide, 1N	WP86467
Phosphate ICV-LCS Std	WP88324

Intercept: 0.0054

Slope: 0.6264

Regression: 0.999292

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	11/25/2020	12:05
2	CAL2	0.05	1	50	50	0.038	11/25/2020	12:05
3	CAL3	0.10	1	50	50	0.083	11/25/2020	12:06
4	CAL4	0.30	1	50	50	0.182	11/25/2020	12:06
5	CAL5	0.50	1	50	50	0.316	11/25/2020	12:07
6	CAL6	1.00	1	50	50	0.635	11/25/2020	12:07



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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	0.502	11/25/2020	12:08
2	ICB		1	50	50	0.000	-0.009	11/25/2020	12:09
3	CCV1	0.5	1	50	50	0.317	0.497	11/25/2020	12:09
4	CCB1		1	50	50	0.000	-0.009	11/25/2020	12:10
5	LB112138BL		1	50	50	0.000	-0.009	11/25/2020	12:10
6	LB112138BS	0.5	1	50	50	0.324	0.509	11/25/2020	12:11
7	L4898-01		1	50	50	2.038	3.245	11/25/2020	12:11
8	L4898-01DUP		1	50	50	2.128	3.389	11/25/2020	12:12
9	L4898-01MS	0.5	1	50	50	2.302	3.666	11/25/2020	12:13
10	L4898-01MSD	0.5	1	50	50	2.297	3.658	11/25/2020	12:13
11	L4898-01		50	50	50	0.317	0.497	11/25/2020	12:35
12	L4898-01DUP		50	50	50	0.314	0.493	11/25/2020	12:35
13	L4898-01MS	0.5	50	50	50	0.321	0.504	11/25/2020	12:36
14	L4898-01MSD	0.5	50	50	50	0.320	0.502	11/25/2020	12:36
15	CCV2	0.5	1	50	50	0.318	0.499	11/25/2020	12:37
16	CCB2		1	50	50	0.000	-0.009	11/25/2020	12:37

LB112138

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP-112520 WorkList ID : 144494 Department : Wet-Chemistry Date : 11-25-2020 11:39:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/26/2020	Water	L4898-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	J31	EFFLUENT	11/24/2020	SM4500-P E

Date/Time 11/25/20 11:40
Received by: AS (welchem)
Relinquished by: KS (welchem)

Date/Time 11/24/20 12:45
Received by: KS (welchem)
Relinquished by: AS (welchem)