

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132534

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP109823
calibration std. phosphate 0.5 ppm	WP109822
calibration std. phosphate 0.3 ppm	WP109820
calibration std. phosphate 0.1 ppm	WP109821
calibration std. phosphate 0.05 ppm	WP109819
calibration std. 0 ppm	WP109818
phosphate CCV std.	WP109825
5N sulfuric acid	WP107791
Combined reagent	WP109827
Phenolphthalein indicator	WP108727
Sodium hydroxide, 1N	WP108662
Phosphate ICV-LCS Std	WP109824

Intercept: -0.0009

Slope: 0.6555

Regression: 0.999924

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	0.001		09/20/2024	15:20
2	CAL2	0.05	1	50	50	0.032	0.05	0	09/20/2024	15:20
3	CAL3	0.10	1	50	50	0.068	0.105	5	09/20/2024	15:21
4	CAL4	0.30	1	50	50	0.190	0.291	-3	09/20/2024	15:21
5	CAL5	0.50	1	50	50	0.327	0.5	0	09/20/2024	15:22
6	CAL6	1.00	1	50	50	0.656	1.002	0.2	09/20/2024	15:22



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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	0.325	0.497	09/20/2024	15:23
2	ICB		1	50	50	0.001	0.003	09/20/2024	15:23
3	CCV1	0.5	1	50	50	0.328	0.502	09/20/2024	15:24
4	CCB1		1	50	50	0.000	0.001	09/20/2024	15:24
5	RL Check	0.01	1	50	50	0.031	0.049	09/20/2024	15:25
6	LB132534BL		1	50	50	0.001	0.003	09/20/2024	15:25
7	LB132534BS	0.5	1	50	50	0.324	0.496	09/20/2024	15:26
8	P3848-12		1	50	50	1.508	2.302	09/20/2024	15:26
9	P4147-01		1	50	50	0.030	0.047	09/20/2024	15:27
10	P4147-01DUP		1	50	50	0.029	0.046	09/20/2024	15:27
11	P4147-01MS	0.5	1	50	50	0.332	0.508	09/20/2024	15:28
12	P4147-01MSD	0.5	1	50	50	0.334	0.511	09/20/2024	15:28
13	P3848-12		10	50	50	0.333	0.509	09/20/2024	15:29
14	CCV2	0.5	1	50	50	0.325	0.497	09/20/2024	15:29
15	CCB2		1	50	50	0.001	0.003	09/20/2024	15:30

WORKLIST(Hardcopy Internal Chain)

LB132534

WorkList Name : ORTHO-P-09202024

WorkList ID : 183700

Department : Wet-Chemistry

Date : 09-20-2024 13:04:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3848-12	PT-NUT1-WP	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	09/03/2024	SM4500-P E
P4147-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	J11	09/20/2024	SM4500-P E

Date/Time 09.20.2024 14:50

Raw Sample Received by: NF(wc)

Raw Sample Relinquished by: NF(wc)

Date/Time 09.20.2024 15:45

Raw Sample Received by: NF(wc)

Raw Sample Relinquished by: NF(wc)