

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135037

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP112304
calibration std. phosphate 0.5 ppm	WP112303
calibration std. phosphate 0.3 ppm	WP112302
calibration std. phosphate 0.1 ppm	WP112301
calibration std. phosphate 0.05 ppm	WP112300
calibration std. 0 ppm	WP112299
phosphate CCV std.	WP112305
5N sulfuric acid	WP110380
Combined reagent	WP112308
Phenolphthalein indicator	WP111415
Sodium hydroxide, 1N	WP111323
Phosphate ICV-LCS Std	WP112306

Intercept: -0.0039

Slope: 0.6535

Regression: 0.999544

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	0.006		03/14/2025	15:15
2	CAL2	0.05	1	50	50	0.028	0.049	-2	03/14/2025	15:15
3	CAL3	0.10	1	50	50	0.065	0.105	5	03/14/2025	15:16
4	CAL4	0.30	1	50	50	0.178	0.278	-7.3	03/14/2025	15:16
5	CAL5	0.50	1	50	50	0.330	0.511	2.2	03/14/2025	15:17
6	CAL6	1.00	1	50	50	0.650	1.001	0.1	03/14/2025	15:17

Analytical Summary Report

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Run Number: LB135037

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	0.328	0.508	03/14/2025	15:18
2	ICB		1	50	50	0.000	0.006	03/14/2025	15:18
3	CCV1	0.5	1	50	50	0.330	0.511	03/14/2025	15:19
4	CCB1		1	50	50	0.000	0.006	03/14/2025	15:19
5	RL Check	0.01	1	50	50	0.032	0.055	03/14/2025	15:20
6	LB135037BL		1	50	50	0.000	0.006	03/14/2025	15:20
7	LB135037BS	0.5	1	50	50	0.326	0.505	03/14/2025	15:21
8	Q1505-12		10	50	50	0.298	0.462	03/14/2025	15:21
9	Q1567-01		1	50	50	0.074	0.119	03/14/2025	15:22
10	Q1567-01DUP		1	50	50	0.076	0.122	03/14/2025	15:22
11	Q1567-01MS	0.5	1	50	50	0.358	0.554	03/14/2025	15:23
12	Q1567-01MSD	0.5	1	50	50	0.360	0.557	03/14/2025	15:23
13	CCV2	0.5	1	50	50	0.324	0.502	03/14/2025	15:24
14	CCB2		1	50	50	0.000	0.006	03/14/2025	15:24

WORKLIST(Hardcopy Internal Chain)

LB135037

WorkList Name : ORTHO P-03142025

WorkList ID : 188276

Department : Wet-Chemistry

Date : 03-14-2025 08:37:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-12	PT-NUT1-WP	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA Of	03/03/2025	SM4500-P E
Q1567-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	F11	03/13/2025	SM4500-P E

Date/Time 03.14.2025, 10:50
Raw Sample Received by: NFWC
Raw Sample Relinquished by: NFWC

Date/Time 03.14.2025, 16:00
Raw Sample Received by: NFWC
Raw Sample Relinquished by: NFWC