

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134510

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP111733
calibration std. phosphate 0.5 ppm	WP111732
calibration std. phosphate 0.3 ppm	WP111731
calibration std. phosphate 0.1 ppm	WP111730
calibration std. phosphate 0.05 ppm	WP111729
calibration std. 0 ppm	WP111728
phosphate CCV std.	WP111734
5N sulfuric acid	WP110380
Combined reagent	WP111740
Phenolphthalein indicator	WP111415
Sodium hydroxide, 1N	WP111323
Phosphosphate LOQ std, 0.05PPM	WP111738
Phosphate ICV-LCS Std	WP111735
Phosphate LOD-MDL Std 0.025ppm	WP111737

Intercept: -0.0017

Slope: 0.6405

Regression: 0.999771

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	0.003		01/31/2025	15:00
2	CAL2	0.05	1	50	50	0.033	0.054	8	01/31/2025	15:00
3	CAL3	0.10	1	50	50	0.064	0.103	3	01/31/2025	15:01
4	CAL4	0.30	1	50	50	0.180	0.284	-5.3	01/31/2025	15:01
5	CAL5	0.50	1	50	50	0.322	0.505	1	01/31/2025	15:02
6	CAL6	1.00	1	50	50	0.640	1.002	0.2	01/31/2025	15:02

Analytical Summary Report

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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	0.324	0.509	01/31/2025	15:03
2	ICB		1	50	50	0.000	0.003	01/31/2025	15:03
3	CCV1	0.5	1	50	50	0.326	0.512	01/31/2025	15:04
4	CCB1		1	50	50	0.000	0.003	01/31/2025	15:04
5	RL Check	0.01	1	50	50	0.032	0.053	01/31/2025	15:05
6	LB134510BL		1	50	50	0.000	0.003	01/31/2025	15:05
7	LB134510BS	0.5	1	50	50	0.314	0.493	01/31/2025	15:06
8	Q1168-07		1	50	50	0.014	0.025	01/31/2025	15:06
9	Q1168-08		1	50	50	0.029	0.048	01/31/2025	15:07
10	Q1252-01		1	50	50	0.067	0.107	01/31/2025	15:07
11	Q1252-01DUP		1	50	50	0.069	0.110	01/31/2025	15:08
12	Q1252-01MS	0.5	1	50	50	0.379	0.594	01/31/2025	15:08
13	Q1252-01MSD	0.5	1	50	50	0.378	0.593	01/31/2025	15:09
14	CCV2	0.5	1	50	50	0.324	0.509	01/31/2025	15:09
15	CCB2		1	50	50	0.000	0.003	01/31/2025	15:10

WORKLIST(Hardcopy Internal Chain)

LB134510

WorkList Name : ORTHO P-01312025

WorkList ID : 187355

Department : Wet-Chemistry

Date : 01-31-2025 12:22:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1168-07	LOD-MDL-WATER-01-QT1-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	01/23/2025	SM4500-P E
Q1168-08	LOQ-WATER-02-QT1-2025	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	01/23/2025	SM4500-P E
Q1252-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	E11	01/31/2025	SM4500-P E

Date/Time 01.31.2025, 12:30
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: NF(wc)

Date/Time 01.31.2025, 16:13
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: NF(wc)