

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135290

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP112581
calibration std. phosphate 0.5 ppm	WP112580
calibration std. phosphate 0.3 ppm	WP112579
calibration std. phosphate 0.1 ppm	WP112578
calibration std. phosphate 0.05 ppm	WP112577
calibration std. 0 ppm	WP112576
phosphate CCV std.	WP112582
5N sulfuric acid	WP110380
Combined reagent	WP112585
Phenolphthalein indicator	WP111415
Sodium hydroxide, 1N	WP111323
Phosphate ICV-LCS Std	WP112583

Intercept: -0.0049

Slope: 0.6546

Regression: 0.999503

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	0.007		04/03/2025	14:05
2	CAL2	0.05	1	50	50	0.026	0.047	-6	04/03/2025	14:05
3	CAL3	0.10	1	50	50	0.064	0.105	5	04/03/2025	14:06
4	CAL4	0.30	1	50	50	0.177	0.278	-7.3	04/03/2025	14:06
5	CAL5	0.50	1	50	50	0.330	0.512	2.4	04/03/2025	14:07
6	CAL6	1.00	1	50	50	0.650	1	0	04/03/2025	14:07

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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	0.326	0.505	04/03/2025	14:08
2	ICB		1	50	50	0.000	0.007	04/03/2025	14:08
3	CCV1	0.5	1	50	50	0.322	0.499	04/03/2025	14:09
4	CCB1		1	50	50	0.000	0.007	04/03/2025	14:09
5	RL Check	0.01	1	50	50	0.032	0.056	04/03/2025	14:10
6	LB135290BL		1	50	50	0.000	0.007	04/03/2025	14:10
7	LB135290BS	0.5	1	50	50	0.328	0.509	04/03/2025	14:11
8	Q1717-01		1	50	50	0.026	0.047	04/03/2025	14:11
9	Q1717-01DUP		1	50	50	0.027	0.049	04/03/2025	14:12
10	Q1717-01MS	0.5	1	50	50	0.340	0.527	04/03/2025	14:12
11	Q1717-01MSD	0.5	1	50	50	0.342	0.530	04/03/2025	14:13
12	CCV2	0.5	1	50	50	0.324	0.502	04/03/2025	14:13
13	CCB2		1	50	50	0.000	0.007	04/03/2025	14:14

WORKLIST(Hardcopy Internal Chain)

LB135290

WorkList Name : ORTHO-P-04032025

WorkList ID : 188713

Department : Wet-Chemistry

Date : 04-03-2025 13:00:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1717-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	L21	04/03/2025	SM4500-P E

Date/Time 04.03.2025 13:05
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: JPD (wc)

Date/Time 04.03.2025 14:30
 Raw Sample Received by: JPD (wc)
 Raw Sample Relinquished by: NF(wc)