

Analysis Method: SM4500-P E

ANALYST: Eman

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136445

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP113871
calibration std. phosphate 0.5 ppm	WP113870
calibration std. phosphate 0.3 ppm	WP113869
calibration std. phosphate 0.1 ppm	WP113868
calibration std. phosphate 0.05 ppm	WP113867
calibration std. 0 ppm	WP113866
phosphate CCV std.	WP113872
5N sulfuric acid	WP112831
Combined reagent	WP113917
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP113873

Intercept: -0.0001

Slope: 0.6552

Regression: 0.999927

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		07/11/2025	12:00
2	CAL2	0.05	1	50	50	0.037	0.057	14	07/11/2025	12:00
3	CAL3	0.10	1	50	50	0.065	0.099	-1	07/11/2025	12:01
4	CAL4	0.30	1	50	50	0.192	0.293	-2.3	07/11/2025	12:01
5	CAL5	0.50	1	50	50	0.326	0.498	-0.4	07/11/2025	12:02
6	CAL6	1.00	1	50	50	0.657	1.003	0.3	07/11/2025	12:02

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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	0.321	0.490	07/11/2025	12:03
2	ICB		1	50	50	0.002	0.003	07/11/2025	12:03
3	CCV1	0.5	1	50	50	0.329	0.502	07/11/2025	12:04
4	CCB1		1	50	50	0.001	0.002	07/11/2025	12:04
5	RL Check	0.05	1	50	50	0.034	0.052	07/11/2025	12:05
6	LB136445BL		1	50	50	0.003	0.005	07/11/2025	12:05
7	LB136445BS	0.5	1	50	50	0.322	0.492	07/11/2025	12:06
8	Q2570-07		1	50	50	0.089	0.136	07/11/2025	12:06
9	Q2570-07DUP		1	50	50	0.090	0.138	07/11/2025	12:07
10	Q2570-07MS	0.5	1	50	50	0.401	0.612	07/11/2025	12:07
11	Q2570-07MSD	0.5	1	50	50	0.403	0.615	07/11/2025	12:08
12	CCV2	0.5	1	50	50	0.322	0.492	07/11/2025	12:08
13	CCB2		1	50	50	0.002	0.003	07/11/2025	12:09

WORKLIST(Hardcopy Internal Chain)

LB136445

WorkList Name : ORTHO PH- 071125

WorkList ID : 190666

Department : Wet-Chemistry

Date : 07-11-2025 10:44:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2570-07	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	O31	07/10/2025	SM4500-P E

Date/Time 07/11/25 10:55
 Raw Sample Received by: EM(woc)
 Raw Sample Relinquished by: JP(woc)

Date/Time 07/11/25 11:50
 Raw Sample Received by: JP(woc)
 Raw Sample Relinquished by: EM(woc)