

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136152

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP113522
calibration std. phosphate 0.5 ppm	WP113521
calibration std. phosphate 0.3 ppm	WP113520
calibration std. phosphate 0.1 ppm	WP113519
calibration std. phosphate 0.05 ppm	WP113518
calibration std. 0 ppm	WP113517
phosphate CCV std.	WP113523
5N sulfuric acid	WP112831
Combined reagent	WP113528
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP111323
Phosphate ICV-LCS Std	WP113524
Phosphate LOD-MDL Std 0.025ppm	WP113526

Intercept: -0.0032

Slope: 0.6561

Regression: 0.999805

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	0.005		06/13/2025	12:30
2	CAL2	0.05	1	50	50	0.033	0.055	10	06/13/2025	12:30
3	CAL3	0.10	1	50	50	0.062	0.099	-1	06/13/2025	12:31
4	CAL4	0.30	1	50	50	0.184	0.285	-5	06/13/2025	12:31
5	CAL5	0.50	1	50	50	0.326	0.502	0.4	06/13/2025	12:32
6	CAL6	1.00	1	50	50	0.655	1.003	0.3	06/13/2025	12:32

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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	0.328	0.505	06/13/2025	12:33
2	ICB		1	50	50	0.001	0.006	06/13/2025	12:33
3	CCV1	0.5	1	50	50	0.337	0.519	06/13/2025	12:34
4	CCB1		1	50	50	0.001	0.006	06/13/2025	12:34
5	RL Check	0.05	1	50	50	0.028	0.048	06/13/2025	12:35
6	LB136152BL		1	50	50	0.001	0.006	06/13/2025	12:35
7	LB136152BS	0.5	1	50	50	0.322	0.496	06/13/2025	12:36
8	Q2126-09		1	50	50	0.011	0.022	06/13/2025	12:36
9	Q2309-01		1	50	50	0.065	0.104	06/13/2025	12:37
10	Q2309-01DUP		1	50	50	0.064	0.102	06/13/2025	12:37
11	Q2309-01MS	0.5	1	50	50	0.382	0.587	06/13/2025	12:38
12	Q2309-01MSD	0.5	1	50	50	0.381	0.586	06/13/2025	12:38
13	CCV2	0.5	1	50	50	0.328	0.505	06/13/2025	12:39
14	CCB2		1	50	50	0.000	0.005	06/13/2025	12:39

WORKLIST(Hardcopy Internal Chain)

LB136152

WorkList Name : ORTHO PH- 061225

WorkList ID : 190183

Department : Wet-Chemistry

Date : 06-12-2025 13:05:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-09	MDL-WATER-03-QT2-2025	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA Of	05/23/2025	SM4500-P E
Q2309-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	D51	06/12/2025	SM4500-P E

Date/Time 06/12/25 13:20
 Raw Sample Received by: 12650
 Raw Sample Relinquished by: 12650

Date/Time 06/12/25 14:58
 Raw Sample Received by: 12650
 Raw Sample Relinquished by: 12650