

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137319

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114894
calibration std. phosphate 0.5 ppm	WP114893
calibration std. phosphate 0.3 ppm	WP114892
calibration std. phosphate 0.1 ppm	WP114891
calibration std. phosphate 0.05 ppm	WP114889
calibration std. 0 ppm	WP114888
phosphate CCV std.	WP114896
5N sulfuric acid	WP112831
Combined reagent	WP114919
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114895
Phosphate LOD-MDL Std 0.025ppm	WP114899
Phosphate RL CHECK	WP114897

Intercept: -0.0031

Slope: 0.6556

Regression: 0.999736

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		09/25/2025	12:10
2	CAL2	0.05	1	50	50	0.032	0.054	8	09/25/2025	12:10
3	CAL3	0.10	1	50	50	0.065	0.104	4	09/25/2025	12:11
4	CAL4	0.30	1	50	50	0.182	0.282	-6	09/25/2025	12:11
5	CAL5	0.50	1	50	50	0.326	0.502	0.4	09/25/2025	12:12
6	CAL6	1.00	1	50	50	0.655	1.004	0.4	09/25/2025	12:12

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137319

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	0.494	09/25/2025	12:13
2	ICB		1	50	50	0.002	0.008	09/25/2025	12:13
3	CCV1	0.5	1	50	50	0.326	0.502	09/25/2025	12:14
4	CCB1		1	50	50	0.003	0.009	09/25/2025	12:14
5	RL Check	0.05	1	50	50	0.029	0.049	09/25/2025	12:15
6	LB137319BL		1	50	50	0.000	0.005	09/25/2025	12:15
7	LB137319BS	0.5	1	50	50	0.319	0.491	09/25/2025	12:16
8	Q2893-09		1	50	50	0.015	0.028	09/25/2025	12:16
9	Q3019-12		1	50	50	0.988	1.512	09/25/2025	12:17
10	Q3184-01		1	50	50	0.042	0.069	09/25/2025	12:17
11	Q3184-01DUP		1	50	50	0.043	0.070	09/25/2025	12:18
12	Q3184-01MS	0.5	1	50	50	0.387	0.595	09/25/2025	12:18
13	Q3184-01MSD	0.5	1	50	50	0.385	0.592	09/25/2025	12:19
14	Q3019-12		10	50	50	0.236	0.365	09/25/2025	12:19
15	CCV2	0.5	1	50	50	0.328	0.505	09/25/2025	12:20
16	CCB2		1	50	50	0.003	0.009	09/25/2025	12:20

WORKLIST(Hardcopy Internal Chain)

LB137319

WorkList Name : ORTHO PH- 092425

WorkList ID : 192077

Department : Wet-Chemistry

Date : 09-24-2025 14:55:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-09	MDL-WATER-03-QT3-2025	Water	Phosphorus-Ortho	NONE	ALLI03	QA Of	08/18/2025	SM4500-P E
Q3019-12	WP0925-PT-NUT1-WP	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA Of	09/02/2025	SM4500-P E
Q3184-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	J52	09/24/2025	SM4500-P E

Date/Time 09/24/25 15:20
 Raw Sample Received by: 12(50)
 Raw Sample Relinquished by: JP(201)

Date/Time 09/24/25 16:20
 Raw Sample Received by: JP(201)
 Raw Sample Relinquished by: 12(50)