

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137099

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114614
calibration std. phosphate 0.5 ppm	WP114613
calibration std. phosphate 0.3 ppm	WP114612
calibration std. phosphate 0.1 ppm	WP114611
calibration std. phosphate 0.05 ppm	WP114610
calibration std. 0 ppm	WP114609
phosphate CCV std.	WP114615
5N sulfuric acid	WP112831
Combined reagent	WP114622
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphosphate LOQ std, 0.05PPM	WP114619
Phosphate ICV-LCS Std	WP114616
Phosphate LOD-MDL Std 0.025ppm	WP114620
Phosphate RL CHECK	WP114617

Intercept: -0.003

Slope: 0.6534

Regression: 0.999714

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		09/05/2025	11:30
2	CAL2	0.05	1	50	50	0.031	0.052	4	09/05/2025	11:30
3	CAL3	0.10	1	50	50	0.065	0.104	4	09/05/2025	11:31
4	CAL4	0.30	1	50	50	0.181	0.282	-6	09/05/2025	11:31
5	CAL5	0.50	1	50	50	0.327	0.505	1	09/05/2025	11:32
6	CAL6	1.00	1	50	50	0.652	1.002	0.2	09/05/2025	11:32

Analytical Summary Report

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Run Number: LB137099

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	0.316	0.488	09/05/2025	11:33
2	ICB		1	50	50	0.002	0.008	09/05/2025	11:33
3	CCV1	0.5	1	50	50	0.320	0.494	09/05/2025	11:34
4	CCB1		1	50	50	0.001	0.006	09/05/2025	11:34
5	RL Check	0.05	1	50	50	0.026	0.044	09/05/2025	11:35
6	LB137099BL		1	50	50	0.002	0.008	09/05/2025	11:35
7	LB137099BS	0.5	1	50	50	0.326	0.504	09/05/2025	11:36
8	Q2893-07		1	50	50	0.012	0.023	09/05/2025	11:36
9	Q2893-08		1	50	50	0.028	0.047	09/05/2025	11:37
10	Q3028-01		1	50	50	0.021	0.037	09/05/2025	11:37
11	Q3028-01DUP		1	50	50	0.021	0.037	09/05/2025	11:38
12	Q3028-01MS	0.5	1	50	50	0.324	0.500	09/05/2025	11:38
13	Q3028-01MSD	0.5	1	50	50	0.326	0.504	09/05/2025	11:39
14	CCV2	0.5	1	50	50	0.317	0.490	09/05/2025	11:39
15	CCB2		1	50	50	0.003	0.009	09/05/2025	11:40

LB 137099

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ORTHO PH- 090425

WorkList ID : 191695

Department : Wet-Chemistry

Date : 09-04-2025 15:19:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-07	LOD-MDL-WATER-01-QT3-202	Water	Phosphorus-Ortho	NONE	ALLI03	QA 01	08/18/2025	SM4500-P E
Q2893-08	LOQ-WATER-02-QT3-2025	Water	Phosphorus-Ortho	NONE	ALLI03	QA 01	08/18/2025	SM4500-P E
Q3028-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	J12	09/04/2025	SM4500-P E

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Page 1 of 1