

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB138011

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP115787
calibration std. phosphate 0.5 ppm	WP115786
calibration std. phosphate 0.3 ppm	WP115785
calibration std. phosphate 0.1 ppm	WP115784
calibration std. phosphate 0.05 ppm	WP115783
calibration std. 0 ppm	WP115782
phosphate CCV std.	WP115789
5N sulfuric acid	WP115340
Combined reagent	WP115795
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP115788
Phosphate LOD-MDL Std 0.025ppm	WP115791
Phosphate RL CHECK	WP115796

Intercept: -0.0016

Slope: 0.6532

Regression: 0.999896

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	0.002		11/21/2025	12:00
2	CAL2	0.05	1	50	50	0.034	0.055	10	11/21/2025	12:00
3	CAL3	0.10	1	50	50	0.062	0.097	-3	11/21/2025	12:01
4	CAL4	0.30	1	50	50	0.188	0.29	-3.3	11/21/2025	12:01
5	CAL5	0.50	1	50	50	0.328	0.505	1	11/21/2025	12:02
6	CAL6	1.00	1	50	50	0.652	1.001	0.1	11/21/2025	12:02

Analytical Summary Report

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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	0.314	0.483	11/21/2025	12:03
2	ICB		1	50	50	0.003	0.007	11/21/2025	12:03
3	CCV1	0.5	1	50	50	0.336	0.517	11/21/2025	12:04
4	CCB1		1	50	50	0.000	0.002	11/21/2025	12:04
5	RL Check	0.05	1	50	50	0.022	0.036	11/21/2025	12:05
6	LB138011BL		1	50	50	0.002	0.006	11/21/2025	12:05
7	LB138011BS	0.5	1	50	50	0.308	0.474	11/21/2025	12:06
8	Q3530-09		1	50	50	0.017	0.028	11/21/2025	12:06
9	Q3701-01		1	50	50	0.020	0.033	11/21/2025	12:07
10	Q3701-01DUP		1	50	50	0.021	0.035	11/21/2025	12:07
11	Q3701-01MS	0.5	1	50	50	0.334	0.514	11/21/2025	12:08
12	Q3701-01MSD	0.5	1	50	50	0.337	0.518	11/21/2025	12:08
13	CCV2	0.5	1	50	50	0.330	0.508	11/21/2025	12:09
14	CCB2		1	50	50	0.002	0.006	11/21/2025	12:09