

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137825

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP115565
calibration std. phosphate 0.5 ppm	WP115564
calibration std. phosphate 0.3 ppm	WP115563
calibration std. phosphate 0.1 ppm	WP115562
calibration std. phosphate 0.05 ppm	WP115561
calibration std. 0 ppm	WP115560
phosphate CCV std.	WP115567
5N sulfuric acid	WP115340
Combined reagent	WP115573
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate LOQ std, 0.05PPM	WP115570
Phosphate ICV-LCS Std	WP115566
Phosphate LOD-MDL Std 0.025ppm	WP115571
Phosphate RL CHECK	WP115568

Intercept: -0.0018

Slope: 0.6526

Regression: 0.999903

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	0.003		11/07/2025	11:30
2	CAL2	0.05	1	50	50	0.032	0.052	4	11/07/2025	11:30
3	CAL3	0.10	1	50	50	0.065	0.102	2	11/07/2025	11:31
4	CAL4	0.30	1	50	50	0.187	0.289	-3.7	11/07/2025	11:31
5	CAL5	0.50	1	50	50	0.326	0.502	0.4	11/07/2025	11:32
6	CAL6	1.00	1	50	50	0.652	1.002	0.2	11/07/2025	11:32

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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	0.320	0.493	11/07/2025	11:33
2	ICB		1	50	50	0.002	0.006	11/07/2025	11:33
3	CCV1	0.5	1	50	50	0.327	0.504	11/07/2025	11:34
4	CCB1		1	50	50	0.003	0.007	11/07/2025	11:34
5	RL Check	0.05	1	50	50	0.025	0.041	11/07/2025	11:35
6	LB137825BL		1	50	50	0.004	0.009	11/07/2025	11:35
7	LB137825BS	0.5	1	50	50	0.318	0.490	11/07/2025	11:36
8	Q3530-07		1	50	50	0.012	0.021	11/07/2025	11:36
9	Q3530-08		1	50	50	0.029	0.047	11/07/2025	11:37
10	Q3554-01		1	50	50	0.033	0.053	11/07/2025	11:37
11	Q3554-01DUP		1	50	50	0.032	0.052	11/07/2025	11:38
12	Q3554-01MS	0.5	1	50	50	0.341	0.525	11/07/2025	11:38
13	Q3554-01MSD	0.5	1	50	50	0.346	0.533	11/07/2025	11:39
14	CCV2	0.5	1	50	50	0.325	0.501	11/07/2025	11:39
15	CCB2		1	50	50	0.002	0.006	11/07/2025	11:40

WORKLIST(Hardcopy Internal Chain)

LB137825

WorkList Name : ORTHO PH- 110525 WorkList ID : 192920 Department : Wet-Chemistry Date : 11-05-2025 15:45:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA 01	11/03/2025	SM4500-P E
Q3530-08	LOQ-WATER-02-QT4-2025	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA 01	11/03/2025	SM4500-P E
Q3554-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	D41	11/05/2025	SM4500-P E

Date/Time 11/05/25 16:10
 Raw Sample Received by: 12(50)
 Raw Sample Relinquished by: 206000

Date/Time 11/05/25 16:55
 Raw Sample Received by: 206000
 Raw Sample Relinquished by: 12(50)