

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135992

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP113339
calibration std. phosphate 0.5 ppm	WP113338
calibration std. phosphate 0.3 ppm	WP113337
calibration std. phosphate 0.1 ppm	WP113336
calibration std. phosphate 0.05 ppm	WP113335
calibration std. 0 ppm	WP113334
phosphate CCV std.	WP113340
5N sulfuric acid	WP112831
Combined reagent	WP113346
Phenolphthalein indicator	WP111415
Sodium hydroxide, 1N	WP111323
Phosphate ICV-LCS Std	WP113341
Phosphate LOQ std, 0.05PPM	WP113343
Phosphate LOD-MDL Std 0.025ppm	WP113344

Intercept: -0.0032

Slope: 0.6559

Regression: 0.999752

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		06/03/2025	15:05
2	CAL2	0.05	1	50	50	0.032	0.054	8	06/03/2025	15:05
3	CAL3	0.10	1	50	50	0.066	0.106	6	06/03/2025	15:06
4	CAL4	0.30	1	50	50	0.184	0.285	-5	06/03/2025	15:06
5	CAL5	0.50	1	50	50	0.321	0.494	-1.2	06/03/2025	15:07
6	CAL6	1.00	1	50	50	0.657	1.007	0.7	06/03/2025	15:07

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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	0.325	0.500	06/03/2025	15:08
2	ICB		1	50	50	0.001	0.006	06/03/2025	15:08
3	CCV1	0.5	1	50	50	0.322	0.496	06/03/2025	15:09
4	CCB1		1	50	50	0.000	0.005	06/03/2025	15:09
5	RL Check	0.05	1	50	50	0.033	0.055	06/03/2025	15:10
6	LB135992BL		1	50	50	0.001	0.006	06/03/2025	15:10
7	LB135992BS	0.5	1	50	50	0.331	0.510	06/03/2025	15:11
8	Q2126-07		1	50	50	0.016	0.029	06/03/2025	15:11
9	Q2126-08		1	50	50	0.034	0.057	06/03/2025	15:12
10	Q2191-01		1	50	50	0.104	0.163	06/03/2025	15:12
11	Q2191-01DUP		1	50	50	0.102	0.160	06/03/2025	15:13
12	Q2191-01MS	0.5	1	50	50	0.415	0.638	06/03/2025	15:13
13	Q2191-01MSD	0.5	1	50	50	0.417	0.641	06/03/2025	15:14
14	CCV2	0.5	1	50	50	0.326	0.502	06/03/2025	15:14
15	CCB2		1	50	50	0.000	0.005	06/03/2025	15:15

WORKLIST(Hardcopy Internal Chain)

6135992

WorkList Name : total ortho

WorkList ID : 189902

Department : Wet-Chemistry

Date : 06-03-2025 13:05:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-07	LOD-MDL-WATER-01-QT2-202	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA Of	05/23/2025	SM4500-P E
Q2126-08	LOQ-WATER-02-QT2-2025	Water	Phosphorus-Ortho	Cool 4 deg C	ALLI03	QA Of	05/23/2025	SM4500-P E
Q2191-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	L31	06/03/2025	SM4500-P E

Date/Time 06/03/2025 13:50
 Raw Sample Received by: 12(WC)
 Raw Sample Relinquished by: 28(WC)

Date/Time 06/03/25 15:30
 Raw Sample Received by: 28(WC)
 Raw Sample Relinquished by: 12(WC)