

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131990

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP109181
calibration std. phosphate 0.5 ppm	WP109180
calibration std. phosphate 0.3 ppm	WP109179
calibration std. phosphate 0.1 ppm	WP109178
calibration std. phosphate 0.05 ppm	WP109177
calibration std. 0 ppm	WP109176
phosphate CCV std.	WP109183
5N sulfuric acid	WP107791
Combined reagent	WP109189
Phenolphthalein indicator	WP108727
Sodium hydroxide, 1N	WP108662
Phosphosphate LOQ std, 0.05PPM	WP109185
Phosphate ICV-LCS Std	WP109182
Phosphate LOD-MDL Std 0.025ppm	WP109187

Intercept: -0.0022

Slope: 0.6544

Regression: 0.999867

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		08/13/2024	16:00
2	CAL2	0.05	1	50	50	0.031	0.051	2	08/13/2024	16:00
3	CAL3	0.10	1	50	50	0.067	0.106	6	08/13/2024	16:01
4	CAL4	0.30	1	50	50	0.187	0.289	-3.7	08/13/2024	16:01
5	CAL5	0.50	1	50	50	0.323	0.497	-0.6	08/13/2024	16:02
6	CAL6	1.00	1	50	50	0.655	1.004	0.4	08/13/2024	16:02



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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	0.323	0.497	08/13/2024	16:03
2	ICB		1	50	50	0.000	0.003	08/13/2024	16:03
3	CCV1	0.5	1	50	50	0.324	0.498	08/13/2024	16:04
4	CCB1		1	50	50	0.000	0.003	08/13/2024	16:04
5	RL Check	0.01	1	50	50	0.032	0.052	08/13/2024	16:05
6	LB131990BL		1	50	50	0.000	0.003	08/13/2024	16:05
7	LB131990BS	0.5	1	50	50	0.324	0.498	08/13/2024	16:06
8	P3390-07		1	50	50	0.015	0.026	08/13/2024	16:06
9	P3390-08		1	50	50	0.032	0.052	08/13/2024	16:07
10	P3578-01		1	50	50	0.068	0.107	08/13/2024	16:07
11	P3578-01DUP		1	50	50	0.068	0.107	08/13/2024	16:08
12	P3578-01MS	0.5	1	50	50	0.371	0.570	08/13/2024	16:08
13	P3578-01MSD	0.5	1	50	50	0.368	0.566	08/13/2024	16:09
14	CCV2	0.5	1	50	50	0.324	0.498	08/13/2024	16:09
15	CCB2		1	50	50	0.000	0.003	08/13/2024	16:10

LB131990

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ORTHO-P-08122024

WorkList ID : 182574

Department : Wet-Chemistry

Date : 08-12-2024 17:46:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-07	LOD-MDL-WATER-01-QT3-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA 01	07/29/2024	SM4500-P E
P3390-08	LOQ-WATER-02-QT3-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA 01	07/29/2024	SM4500-P E
P3578-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	K11	08/12/2024	SM4500-P E

Date/Time 08-13-2024 14:30
Raw Sample Received by: NFWC
Raw Sample Relinquished by: NFWC

Date/Time 08-13-2024 16:30
Raw Sample Received by: NFWC
Raw Sample Relinquished by: NFWC