

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131020

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP108292
calibration std. phosphate 0.5 ppm	WP108291
calibration std. phosphate 0.3 ppm	WP108290
calibration std. phosphate 0.1 ppm	WP108289
calibration std. phosphate 0.05 ppm	WP108288
calibration std. 0 ppm	WP108287
phosphate CCV std.	WP108299
5N sulfuric acid	WP107791
Combined reagent	WP108294
Phenolphthalein indicator	WP105923
Sodium hydroxide, 1N	WP106529
Phosphate ICV-LCS Std	WP108301
Phosphate LOD-MDL Std 0.025ppm	WP108296

Intercept: -0.002

Slope: 0.6539

Regression: 0.999916

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		05/31/2024	14:30
2	CAL2	0.05	1	50	50	0.032	0.052	4	05/31/2024	14:30
3	CAL3	0.10	1	50	50	0.065	0.102	2	05/31/2024	14:31
4	CAL4	0.30	1	50	50	0.188	0.291	-3	05/31/2024	14:31
5	CAL5	0.50	1	50	50	0.324	0.499	-0.2	05/31/2024	14:32
6	CAL6	1.00	1	50	50	0.654	1.003	0.3	05/31/2024	14:32



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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	0.321	0.494	05/31/2024	14:33
2	ICB		1	50	50	0.000	0.003	05/31/2024	14:33
3	CCV1	0.5	1	50	50	0.324	0.499	05/31/2024	14:34
4	CCB1		1	50	50	0.000	0.003	05/31/2024	14:34
5	RL Check	0.01	1	50	50	0.033	0.054	05/31/2024	14:35
6	LB131020BL		1	50	50	0.000	0.003	05/31/2024	14:35
7	LB131020BS	0.5	1	50	50	0.324	0.499	05/31/2024	14:36
8	P2403-09		1	50	50	0.015	0.026	05/31/2024	14:36
9	P2684-01		1	50	50	0.039	0.063	05/31/2024	14:37
10	P2684-01DUP		1	50	50	0.040	0.064	05/31/2024	14:37
11	P2684-01MS	0.5	1	50	50	0.339	0.521	05/31/2024	14:38
12	P2684-01MSD	0.5	1	50	50	0.338	0.520	05/31/2024	14:38
13	CCV2	0.5	1	50	50	0.324	0.499	05/31/2024	14:39
14	CCB2		1	50	50	0.000	0.003	05/31/2024	14:39

WORKLIST(Hardcopy Internal Chain)

2131020

WorkList Name : ORTHO PHOSPHORUS- WorkList ID : 180691 Department : Wet-Chemistry Date : 05-31-2024 12:23:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2403-09	MDL-WATER-03-QT2-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	05/07/2024	SM4500-P E
P2684-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	K12	05/31/2024	SM4500-P E

Date/Time 05-31-2024 , 13:45
Raw Sample Received by: NF-(wc)
Raw Sample Relinquished by: [Signature]

Date/Time 05-31-2024 , 14:45
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: NF-(wc)