

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130821

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP107999
calibration std. phosphate 0.5 ppm	WP107998
calibration std. phosphate 0.3 ppm	WP107997
calibration std. phosphate 0.1 ppm	WP107996
calibration std. phosphate 0.05 ppm	WP107995
calibration std. 0 ppm	WP107994
phosphate CCV std.	WP108003
5N sulfuric acid	WP107791
Combined reagent	WP107993
Phenolphthalein indicator	WP105923
Sodium hydroxide, 1N	WP106529
Phosphate LOQ std, 0.05PPM	WP108002
Phosphate ICV-LCS Std	WP108004
Phosphate LOD-MDL Std 0.025ppm	WP108001

Intercept: -0.0027

Slope: 0.6514

Regression: 0.999898

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	0.004		05/17/2024	14:00
2	CAL2	0.05	1	50	50	0.031	0.052	4	05/17/2024	14:00
3	CAL3	0.10	1	50	50	0.064	0.102	2	05/17/2024	14:01
4	CAL4	0.30	1	50	50	0.186	0.29	-3.3	05/17/2024	14:01
5	CAL5	0.50	1	50	50	0.322	0.498	-0.4	05/17/2024	14:02
6	CAL6	1.00	1	50	50	0.651	1.004	0.4	05/17/2024	14:03



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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	0.324	0.502	05/17/2024	14:03
2	ICB		1	50	50	0.001	0.006	05/17/2024	14:04
3	CCV1	0.5	1	50	50	0.323	0.500	05/17/2024	14:04
4	CCB1		1	50	50	0.001	0.006	05/17/2024	14:05
5	RL Check	0.01	1	50	50	0.032	0.053	05/17/2024	14:05
6	LB130821BL		1	50	50	0.001	0.006	05/17/2024	14:06
7	LB130821BS	0.5	1	50	50	0.322	0.498	05/17/2024	14:06
8	P2403-07		1	50	50	0.015	0.027	05/17/2024	14:07
9	P2403-08		1	50	50	0.033	0.055	05/20/2024	14:07
10	P2530-01		1	50	50	0.028	0.047	05/17/2024	14:08
11	P2530-01DUP		1	50	50	0.028	0.047	05/17/2024	14:08
12	P2530-01MS	0.5	1	50	50	0.324	0.502	05/17/2024	14:09
13	P2530-01MSD	0.5	1	50	50	0.327	0.506	05/17/2024	14:09
14	CCV2	0.5	1	50	50	0.324	0.502	05/17/2024	14:10
15	CCB2		1	50	50	0.001	0.006	05/17/2024	14:10

LB130821

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ORTHO PHOSPHORUS		WorkList ID : 180330		Department : Wet-Chemistry		Date : 05-17-2024 13:20:48		
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
	P2403-07	LOD-MDL-WATER-01-QT2-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	05/07/2024 SM4500-P E
	P2403-08	LOQ-WATER-02-QT2-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	05/07/2024 SM4500-P E
	P2530-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	K31	05/17/2024 SM4500-P E

Date/Time 05-17-2024, 13:30
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: [Signature]

Date/Time 05-17-2024, 14:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: NF(wc)