

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130359

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP107505
calibration std. phosphate 0.5 ppm	WP107506
calibration std. phosphate 0.3 ppm	WP107504
calibration std. phosphate 0.1 ppm	WP107503
calibration std. phosphate 0.05 ppm	WP107502
calibration std. 0 ppm	WP107501
phosphate CCV std.	WP107507
5N sulfuric acid	WP105081
Combined reagent	WP107510
Phenolphthalein indicator	WP105923
Sodium hydroxide, 1N	WP106529
Phosphate ICV-LCS Std	WP107508

Intercept: -0.0002

Slope: 0.652

Regression: 0.999995

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		04/17/2024	13:00
2	CAL2	0.05	1	50	50	0.032	0.049	-2	04/17/2024	13:00
3	CAL3	0.10	1	50	50	0.066	0.102	2	04/17/2024	13:01
4	CAL4	0.30	1	50	50	0.194	0.298	-0.7	04/17/2024	13:01
5	CAL5	0.50	1	50	50	0.326	0.5	0	04/17/2024	13:02
6	CAL6	1.00	1	50	50	0.652	1	0	04/17/2024	13:02



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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	0.328	0.503	04/17/2024	13:03
2	ICB		1	50	50	0.001	0.002	04/17/2024	13:03
3	CCV1	0.5	1	50	50	0.330	0.506	04/17/2024	13:04
4	CCB1		1	50	50	0.002	0.003	04/17/2024	13:04
5	RL Check	0.01	1	50	50	0.032	0.049	04/17/2024	13:05
6	LB130359BL		1	50	50	0.001	0.002	04/17/2024	13:05
7	LB130359BS	0.5	1	50	50	0.328	0.503	04/17/2024	13:06
8	P2151-01		1	50	50	0.044	0.068	04/17/2024	13:06
9	P2151-01DUP		1	50	50	0.045	0.069	04/17/2024	13:07
10	P2151-01MS	0.5	1	50	50	0.356	0.546	04/17/2024	13:07
11	P2151-01MSD	0.5	1	50	50	0.357	0.548	04/17/2024	13:08
12	CCV2	0.5	1	50	50	0.326	0.500	04/17/2024	13:08
13	CCB2		1	50	50	0.001	0.002	04/17/2024	13:09

LB130359

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ORTHOPHOSPHORUS

WorkList ID : 179503

Department : Wet-Chemistry

Date : 04-17-2024 11:18:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2151-01	WATER-COMP	Water	Phosphorus-Ortho	Cool 4 deg C	PSEG03	P11	04/16/2024	SM4500-P E

Date/Time04.17.2024 , 11:30

Raw Sample Received by:SK (WC)

Raw Sample Relinquished by:JP 600C,

Date/Time04.17.2024 , 12:30

Raw Sample Received by:JP WC

Raw Sample Relinquished by:SK (WC)