

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133073

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP110358
calibration std. phosphate 0.5 ppm	WP110357
calibration std. phosphate 0.3 ppm	WP110356
calibration std. phosphate 0.1 ppm	WP110355
calibration std. phosphate 0.05 ppm	WP110354
calibration std. 0 ppm	WP110353
phosphate CCV std.	WP110359
5N sulfuric acid	WP107791
Combined reagent	WP110362
Phenolphthalein indicator	WP108727
Sodium hydroxide, 1N	WP108662
Phosphate LOQ std, 0.05PPM	WP110365
Phosphate ICV-LCS Std	WP110360
Phosphate LOD-MDL Std 0.025ppm	WP110364

Intercept: -0.0021

Slope: 0.6501

Regression: 0.999871

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		10/23/2024	10:00
2	CAL2	0.05	1	50	50	0.032	0.052	4	10/23/2024	10:00
3	CAL3	0.10	1	50	50	0.065	0.103	3	10/23/2024	10:01
4	CAL4	0.30	1	50	50	0.185	0.288	-4	10/23/2024	10:01
5	CAL5	0.50	1	50	50	0.323	0.5	0	10/23/2024	10:02
6	CAL6	1.00	1	50	50	0.650	1.003	0.3	10/23/2024	10:02



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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	0.500	10/23/2024	10:03
2	ICB		1	50	50	0.000	0.003	10/23/2024	10:03
3	CCV1	0.5	1	50	50	0.324	0.502	10/23/2024	10:04
4	CCB1		1	50	50	0.000	0.003	10/23/2024	10:04
5	RL Check	0.01	1	50	50	0.033	0.054	10/23/2024	10:05
6	LB133073BL		1	50	50	0.000	0.003	10/23/2024	10:05
7	LB133073BS	0.5	1	50	50	0.324	0.502	10/23/2024	10:06
8	P4368-07		1	50	50	0.015	0.026	10/23/2024	10:06
9	P4368-08		1	50	50	0.032	0.052	10/23/2024	10:07
10	P4490-01		1	50	50	0.096	0.151	10/23/2024	10:07
11	P4490-01DUP		1	50	50	0.098	0.154	10/23/2024	10:08
12	P4490-01MS	0.5	1	50	50	0.526	0.812	10/23/2024	10:08
13	P4490-01MSD	0.5	1	50	50	0.523	0.808	10/23/2024	10:09
14	CCV2	0.5	1	50	50	0.324	0.502	10/23/2024	10:09
15	CCB2		1	50	50	0.000	0.003	10/23/2024	10:10

WORKLIST(Hardcopy Internal Chain)

LB133073

WorkList Name : ORTHO-P-10232024

WorkList ID : 184680

Department : Wet-Chemistry

Date : 10-23-2024 08:34:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4368-07	LOD-MDL-WATER-01-QT4-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	10/09/2024	SM4500-P E
P4368-08	LOQ-WATER-02-QT4-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	10/09/2024	SM4500-P E
P4490-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	K11	10/22/2024	SM4500-P E

Date/Time 10.23.2024, 08:40
 Raw Sample Received by: NF (WU)
 Raw Sample Relinquished by: M (WU)

Date/Time 10.23.2024, 12:00
 Raw Sample Received by: J (WU)
 Raw Sample Relinquished by: NF (WU)