

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132184

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP109413
calibration std. phosphate 0.5 ppm	WP109412
calibration std. phosphate 0.3 ppm	WP109411
calibration std. phosphate 0.1 ppm	WP109410
calibration std. phosphate 0.05 ppm	WP109409
calibration std. 0 ppm	WP109408
phosphate CCV std.	WP109415
5N sulfuric acid	WP107791
Combined reagent	WP109419
Phenolphthalein indicator	WP108727
Sodium hydroxide, 1N	WP108662
Phosphate ICV-LCS Std	WP109414
Phosphate LOD-MDL Std 0.025ppm	WP109417

Intercept: -0.0024

Slope: 0.6568

Regression: 0.999894

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		08/27/2024	11:00
2	CAL2	0.05	1	50	50	0.032	0.052	4	08/27/2024	11:00
3	CAL3	0.10	1	50	50	0.065	0.103	3	08/27/2024	11:01
4	CAL4	0.30	1	50	50	0.188	0.29	-3.3	08/27/2024	11:01
5	CAL5	0.50	1	50	50	0.324	0.497	-0.6	08/27/2024	11:02
6	CAL6	1.00	1	50	50	0.657	1.004	0.4	08/27/2024	11:02



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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	0.324	0.497	08/27/2024	11:03
2	ICB		1	50	50	0.000	0.004	08/27/2024	11:03
3	CCV1	0.5	1	50	50	0.323	0.495	08/27/2024	11:04
4	CCB1		1	50	50	0.000	0.004	08/27/2024	11:04
5	RL Check	0.01	1	50	50	0.033	0.054	08/27/2024	11:05
6	LB132184BL		1	50	50	0.000	0.004	08/27/2024	11:05
7	LB132184BS	0.5	1	50	50	0.324	0.497	08/27/2024	11:06
8	P3390-09		1	50	50	0.015	0.026	08/27/2024	11:06
9	P3736-01		1	50	50	0.030	0.049	08/27/2024	11:07
10	P3736-01DUP		1	50	50	0.031	0.051	08/27/2024	11:07
11	P3736-01MS	0.5	1	50	50	0.338	0.518	08/27/2024	11:08
12	P3736-01MSD	0.5	1	50	50	0.340	0.521	08/27/2024	11:08
13	CCV2	0.5	1	50	50	0.324	0.497	08/27/2024	11:09
14	CCB2		1	50	50	0.000	0.004	08/27/2024	11:09

WORKLIST(Hardcopy Internal Chain)

LB132184

WorkList Name : ORTHO PHOSPHORUS

WorkList ID : 182999

Department : Wet-Chemistry

Date : 08-27-2024 08:31:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-09	MDL-WATER-03-QT3-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	07/29/2024	SM4500-P E
P3736-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	H11	08/26/2024	SM4500-P E

Date/Time 08.27.2024 08:15
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: [Signature]

Date/Time 08.27.2024 11:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: NF(wc)