

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Sohil

Run Number: LB129475

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP106522
calibration std. phosphate 0.5 ppm	WP106521
calibration std. phosphate 0.3 ppm	WP106520
calibration std. phosphate 0.1 ppm	WP106519
calibration std. phosphate 0.05 ppm	WP106518
calibration std. 0 ppm	WP106517
phosphate CCV std.	WP106524
Combined reagent	WP106526
Phenolphthalein indicator	WP105923
Sodium hydroxide, 1N	WP106529
Phosphate ICV-LCS Std	WP106523
Phosphate LOD-MDL Std 0.025ppm	WP106528

Intercept: -0.0017

Slope: 0.6543

Regression: 0.999934

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		02/09/2024	15:15
2	CAL2	0.05	1	50	50	0.033	0.053	6	02/09/2024	15:15
3	CAL3	0.10	1	50	50	0.064	0.1	0	02/09/2024	15:16
4	CAL4	0.30	1	50	50	0.189	0.291	-3	02/09/2024	15:16
5	CAL5	0.50	1	50	50	0.326	0.501	0.2	02/09/2024	15:17
6	CAL6	1.00	1	50	50	0.654	1.002	0.2	02/09/2024	15:17



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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	0.493	02/09/2024	15:18
2	ICB		1	50	50	0.001	0.004	02/09/2024	15:18
3	CCV1	0.5	1	50	50	0.326	0.501	02/09/2024	15:19
4	CCB1		1	50	50	0.003	0.007	02/09/2024	15:19
5	RL Check	0.01	1	50	50	0.031	0.050	02/09/2024	15:20
6	LB129475BL		1	50	50	0.002	0.006	02/09/2024	15:20
7	LB129475BS	0.5	1	50	50	0.325	0.499	02/09/2024	15:21
8	P1187-09		1	50	50	0.013	0.022	02/09/2024	15:22
9	P1452-01		1	50	50	0.093	0.145	02/09/2024	15:22
10	P1452-01DUP		1	50	50	0.095	0.148	02/09/2024	15:23
11	P1452-01MS	0.5	1	50	50	0.405	0.622	02/09/2024	15:23
12	P1452-01MSD	0.5	1	50	50	0.408	0.626	02/09/2024	15:24
13	CCV2	0.5	1	50	50	0.322	0.495	02/09/2024	15:24
14	CCB2		1	50	50	0.002	0.006	02/09/2024	15:25

WORKLIST(Hardcopy Internal Chain)

LB129475

WorkList Name : ORTHOP-020924

WorkList ID : 177785

Department : Wet-Chemistry

Date : 02-09-2024 14:06:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1187-09	MDL-WATER-03-QT1-2024	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	01/19/2024	SM4500-P E
P1452-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	E31	02/09/2024	SM4500-P E

Date/Time 02/09/24 15:00
Raw Sample Received by: 12/50
Raw Sample Relinquished by: 78(00)

Date/Time 02/09/24 15:40
Raw Sample Received by: 78(00)
Raw Sample Relinquished by: 12/50