

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127914

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP104838
calibration std. phosphate 0.5 ppm	WP104837
calibration std. phosphate 0.3 ppm	WP104836
calibration std. phosphate 0.1 ppm	WP104835
calibration std. phosphate 0.05 ppm	WP104834
calibration std. 0 ppm	WP104833
phosphate CCV std.	WP104839
Combined reagent	WP104845
Phenolphthalein indicator	WP102763
Sodium hydroxide, 1N	WP103989
Phosphosphate LOQ std, 0.05PPM	WP104843
Phosphate ICV-LCS Std	WP104840
Phosphate LOD-MDL Std 0.025ppm	WP104842

Intercept: -0.001

Slope: 0.6539

Regression: 0.999959

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	0.002		10/20/2023	14:40
2	CAL2	0.05	1	50	50	0.034	0.054	8	10/20/2023	14:40
3	CAL3	0.10	1	50	50	0.064	0.099	-1	10/20/2023	14:41
4	CAL4	0.30	1	50	50	0.191	0.294	-2	10/20/2023	14:41
5	CAL5	0.50	1	50	50	0.326	0.5	0	10/20/2023	14:42
6	CAL6	1.00	1	50	50	0.654	1.002	0.2	10/20/2023	14:42



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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	0.326	0.500	10/20/2023	14:43
2	ICB		1	50	50	0.001	0.003	10/20/2023	14:43
3	CCV1	0.5	1	50	50	0.322	0.494	10/20/2023	14:44
4	CCB1		1	50	50	0.002	0.005	10/20/2023	14:44
5	RL Check	0.01	1	50	50	0.032	0.050	10/20/2023	14:45
6	LB127914BL		1	50	50	0.001	0.003	10/20/2023	14:45
7	LB127914BS	0.5	1	50	50	0.326	0.500	10/20/2023	14:46
8	O4699-07		1	50	50	0.016	0.026	10/20/2023	14:46
9	O4699-08		1	50	50	0.031	0.049	10/20/2023	14:47
10	O4999-01		1	50	50	1.933	2.958	10/20/2023	14:47
11	O4999-01DUP		1	50	50	1.929	2.952	10/20/2023	14:48
12	O4999-01MS	0.5	1	50	50	1.983	3.034	10/20/2023	14:48
13	O4999-01MSD	0.5	1	50	50	1.992	3.048	10/20/2023	14:49
14	O4999-01		20	50	50	0.504	0.772	10/20/2023	14:49
15	CCV2	0.5	1	50	50	0.326	0.500	10/20/2023	14:50
16	CCB2		1	50	50	0.002	0.005	10/20/2023	14:50
17	O4999-01DUP		20	50	50	0.504	0.772	10/20/2023	14:51
18	O4999-01MS	0.5	20	50	50	0.516	0.791	10/20/2023	14:51
19	O4999-01MSD	0.5	20	50	50	0.517	0.792	10/20/2023	14:52
20	CCV3	0.5	1	50	50	0.325	0.499	10/20/2023	14:52
21	CCB3		1	50	50	0.002	0.005	10/20/2023	14:53

WORKLIST(Hardcopy Internal Chain)

LB127914

WorkList Name : ORTHOP-102023 WorkList ID : 174799 Department : Wet-Chemistry Date : 10-20-2023 13:45:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4699-07	LOD-MDL-WATER-01-QT4-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM4500-P E
O4699-08	LOQ-WATER-02-QT4-2023	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM4500-P E
O4999-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	I21	10/20/2023	SM4500-P E

Date/Time 10/20/23 14:10
Raw Sample Received by: 12(50)
Raw Sample Relinquished by: 28(60)

Date/Time 10/20/23 14:55
Raw Sample Received by: 28(60)
Raw Sample Relinquished by: 12(50)