

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Sohil

Run Number: LB126456

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP103270
calibration std. phosphate 0.5 ppm	WP103269
calibration std. phosphate 0.3 ppm	WP103268
calibration std. phosphate 0.1 ppm	WP103267
calibration std. phosphate 0.05 ppm	WP103266
calibration std. 0 ppm	WP103265
phosphate CCV std.	WP103276
Combined reagent	WP103275
Phenolphthalein indicator	WP102763
Sodium hydroxide, 1N	WP101216
Phosphosphate LOQ std, 0.05PPM	WP103273
Phosphate ICV-LCS Std	WP103277
Phosphate LOD-MDL Std 0.025ppm	WP103272

Intercept: -0.0016

Slope: 0.6552

Regression: 0.999947

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		07/14/2023	15:00
2	CAL2	0.05	1	50	50	0.033	0.053	6	07/14/2023	15:00
3	CAL3	0.10	1	50	50	0.064	0.1	0	07/14/2023	15:01
4	CAL4	0.30	1	50	50	0.190	0.292	-2.7	07/14/2023	15:01
5	CAL5	0.50	1	50	50	0.326	0.5	0	07/14/2023	15:02
6	CAL6	1.00	1	50	50	0.655	1.002	0.2	07/14/2023	15:02



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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	07/14/2023	15:03
2	ICB		1	50	50	0.002	0.005	07/14/2023	15:03
3	CCV1	0.5	1	50	50	0.321	0.492	07/14/2023	15:04
4	CCB1		1	50	50	0.003	0.007	07/14/2023	15:04
5	RL Check	0.01	1	50	50	0.032	0.051	07/14/2023	15:05
6	LB126456BL		1	50	50	0.002	0.005	07/14/2023	15:05
7	LB126456BS	0.5	1	50	50	0.326	0.500	07/14/2023	15:06
8	O3572-07		1	50	50	0.016	0.027	07/14/2023	15:06
9	O3572-08		1	50	50	0.032	0.051	07/14/2023	15:07
10	O3634-01		1	50	50	2.554	3.900	07/14/2023	15:07
11	O3634-01DUP		1	50	50	2.554	3.900	07/14/2023	15:08
12	O3634-01MS	0.5	1	50	50	2.664	4.068	07/14/2023	15:08
13	O3634-01MSD	0.5	1	50	50	2.647	4.042	07/14/2023	15:09
14	O3634-01		20	50	50	0.642	0.982	07/14/2023	15:09
15	CCV2	0.5	1	50	50	0.325	0.498	07/14/2023	15:10
16	CCB2		1	50	50	0.002	0.005	07/14/2023	15:10
17	O3634-01DUP		20	50	50	0.643	0.984	07/14/2023	15:11
18	O3634-01MS	0.5	20	50	50	0.653	0.999	07/14/2023	15:11
19	O3634-01MSD	0.5	20	50	50	0.652	0.998	07/14/2023	15:12
20	CCV3	0.5	1	50	50	0.327	0.502	07/14/2023	15:12
21	CCB3		1	50	50	0.001	0.004	07/14/2023	15:13

WORKLIST(Hardcopy Internal Chain)

C B126476

WorkList Name : ORTHOP-071423

WorkList ID : 171901

Department : Wet-Chemistry

Date : 07-14-2023 13:01:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3572-07	LOD-MDL-WATER-01-QT3-202	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA 01	07/11/2023	SM4500-P E
O3572-08	LOQ-WATER-02-QT3-2023	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA 01	07/11/2023	SM4500-P E
O3634-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	I11	07/14/2023	SM4500-P E

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

07/14/23 13:05
12 (000)
28 (000)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

07/14/23 14:20
28 (000)
12 (000)