

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127442

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP104344
calibration std. phosphate 0.5 ppm	WP104343
calibration std. phosphate 0.3 ppm	WP104342
calibration std. phosphate 0.1 ppm	WP104341
calibration std. phosphate 0.05 ppm	WP104340
calibration std. 0 ppm	WP104339
phosphate CCV std.	WP104345
Combined reagent	WP104348
Phenolphthalein indicator	WP102763
Sodium hydroxide, 1N	WP103989
Phosphate ICV-LCS Std	WP104346

Intercept: -0.0017

Slope: 0.6544

Regression: 0.999875

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		09/22/2023	15:05
2	CAL2	0.05	1	50	50	0.034	0.055	10	09/22/2023	15:05
3	CAL3	0.10	1	50	50	0.065	0.102	2	09/22/2023	15:06
4	CAL4	0.30	1	50	50	0.187	0.288	-4	09/22/2023	15:06
5	CAL5	0.50	1	50	50	0.325	0.499	-0.2	09/22/2023	15:07
6	CAL6	1.00	1	50	50	0.655	1.004	0.4	09/22/2023	15:07



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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	0.504	09/22/2023	15:08
2	ICB		1	50	50	0.002	0.006	09/22/2023	15:08
3	CCV1	0.5	1	50	50	0.324	0.498	09/22/2023	15:09
4	CCB1		1	50	50	0.003	0.007	09/22/2023	15:09
5	RL Check	0.01	1	50	50	0.032	0.051	09/22/2023	15:10
6	LB127442BL		1	50	50	0.002	0.006	09/22/2023	15:10
7	LB127442BS	0.5	1	50	50	0.326	0.501	09/22/2023	15:11
8	O4349-12		1	50	50	1.144	1.751	09/22/2023	15:11
9	O4586-01		1	50	50	2.218	3.392	09/22/2023	15:12
10	O4586-01DUP		1	50	50	0.221	0.340	09/22/2023	15:12
11	O4586-01MS	0.5	1	50	50	2.335	3.571	09/22/2023	15:13
12	O4586-01MSD	0.5	1	50	50	2.336	3.572	09/22/2023	15:13
13	O4349-12		10	50	50	0.281	0.432	09/22/2023	15:14
14	O4586-01		20	50	50	0.385	0.591	09/22/2023	15:14
15	CCV2	0.5	1	50	50	0.326	0.501	09/22/2023	15:15
16	CCB2		1	50	50	0.001	0.004	09/22/2023	15:15
17	O4586-01MS	0.5	20	50	50	0.399	0.612	09/22/2023	15:16
18	O4586-01MSD	0.5	20	50	50	0.398	0.611	09/22/2023	15:16
19	CCV3	0.5	1	50	50	0.321	0.493	09/22/2023	15:17
20	CCB3		1	50	50	0.002	0.006	09/22/2023	15:17

WORKLIST(Hardcopy Internal Chain)

LB127442

WorkList Name : ORTHOP-092223

WorkList ID : 173877

Department : Wet-Chemistry

Date : 09-22-2023 13:25:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-12	PT-NUT1-WP	Water	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	09/05/2023	SM4500-P E
O4586-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	N11	09/22/2023	SM4500-P E

Date/Time 09/22/23 14:30
 Raw Sample Received by: 12/SC
 Raw Sample Relinquished by: 78(01)

Date/Time 09/22/23 15:30
 Raw Sample Received by: 78(01)
 Raw Sample Relinquished by: 12/SC