



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB125216

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP102204
calibration std. phosphate 0.5 ppm	WP102203
calibration std. phosphate 0.3 ppm	WP102202
calibration std. phosphate 0.1 ppm	WP102201
calibration std. phosphate 0.05 ppm	WP102200
calibration std. 0 ppm	WP102199
phosphate CCV std.	WP102205
Combined reagent	WP102210
Phenolphthalein indicator	WP100008
Sodium hydroxide, 1N	WP101216
Phosphate ICV-LCS Std	WP102206
Phosphate LOD-MDL Std 0.025ppm	WP102208

Intercept: -0.0011

Slope: 0.6527

Regression: 0.99994

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		04/28/2023	16:20
2	CAL2	0.05	1	50	50	0.033	0.052	4	04/28/2023	16:20
3	CAL3	0.10	1	50	50	0.066	0.103	3	04/28/2023	16:21
4	CAL4	0.30	1	50	50	0.191	0.294	-2	04/28/2023	16:21
5	CAL5	0.50	1	50	50	0.322	0.495	-1	04/28/2023	16:22
6	CAL6	1.00	1	50	50	0.654	1.004	0.4	04/28/2023	16:22



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Run Number: LB125216

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	0.329	0.506	04/28/2023	16:23
2	ICB		1	50	50	0.001	0.003	04/28/2023	16:23
3	CCV1	0.5	1	50	50	0.326	0.501	04/28/2023	16:24
4	CCB1		1	50	50	0.002	0.005	04/28/2023	16:24
5	RL Check	0.01	1	50	50	0.033	0.052	04/28/2023	16:25
6	LB125216BL		1	50	50	0.002	0.005	04/28/2023	16:25
7	LB125216BS	0.5	1	50	50	0.327	0.503	04/28/2023	16:26
8	O2213-09		1	50	50	0.017	0.028	04/28/2023	16:26
9	O2560-01		1	50	50	1.943	2.979	04/28/2023	16:27
10	O2560-01DUP		1	50	50	1.942	2.977	04/28/2023	16:27
11	O2560-01MS	0.5	1	50	50	2.044	3.133	04/28/2023	16:28
12	O2560-01MSD	0.5	1	50	50	2.048	3.139	04/28/2023	16:28
13	O2560-01		10	50	50	0.279	0.429	04/28/2023	16:29
14	O2560-01DUP		10	50	50	0.279	0.429	04/28/2023	16:29
15	CCV2	0.5	1	50	50	0.321	0.493	04/28/2023	16:30
16	CCB2		1	50	50	0.002	0.005	04/28/2023	16:30
17	O2560-01MS	0.5	10	50	50	0.308	0.474	04/28/2023	16:31
18	O2560-01MSD	0.5	10	50	50	0.309	0.475	04/28/2023	16:31
19	CCV3	0.5	1	50	50	0.328	0.504	04/28/2023	16:32
20	CCB3		1	50	50	0.001	0.003	04/28/2023	16:32

WORKLIST(Hardcopy Internal Chain)

LB125246

WorkList Name : ORTHOP-042823

WorkList ID : 169522

Department : Wet-Chemistry

Date : 04-28-2023 14:31:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/07/2023	Water	O2213-09	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-03-QT2-2023	04/05/2023	SM4500-P E
04/30/2023	Water	O2560-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	K11	EFFLUENT	04/28/2023	SM4500-P E

Date/Time 04/28/23 15:45
 Raw Sample Received by: R(20)
 Raw Sample Relinquished by: 16(20)

Date/Time 04/28/23 16:45
 Raw Sample Received by: 710020
 Raw Sample Relinquished by: 12(20)