

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB120931

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP97743
calibration std. phosphate 0.5 ppm	WP97742
calibration std. phosphate 0.3 ppm	WP97741
calibration std. phosphate 0.1 ppm	WP97740
calibration std. phosphate 0.05 ppm	WP97739
calibration std. 0 ppm	WP97738
phosphate CCV std.	WP97744
Combined reagent	WP97747
Phenolphthalein indicator	WP96861
Sodium hydroxide, 1N	WP95405
Phosphate ICV-LCS Std	WP97745
Phosphate LOD-MDL Std 0.025ppm	WP97759

Intercept: -0.0017

Slope: 0.651

Regression: 0.99996

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		07/05/2022	15:10
2	CAL2	0.05	1	50	50	0.031	0.05	0	07/05/2022	15:10
3	CAL3	0.10	1	50	50	0.065	0.102	-2	07/05/2022	15:11
4	CAL4	0.30	1	50	50	0.190	0.294	2	07/05/2022	15:11
5	CAL5	0.50	1	50	50	0.322	0.497	0.6	07/05/2022	15:12
6	CAL6	1.00	1	50	50	0.651	1.003	-0.3	07/05/2022	15:13



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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	0.496	07/05/2022	15:13
2	ICB		1	50	50	0.002	0.006	07/05/2022	15:14
3	CCV1	0.5	1	50	50	0.328	0.506	07/05/2022	15:14
4	CCB1		1	50	50	0.003	0.007	07/05/2022	15:15
5	LB120931BL		1	50	50	0.002	0.006	07/05/2022	15:15
6	LB120931BS	0.5	1	50	50	0.324	0.500	07/05/2022	15:16
7	N3214-09		1	50	50	0.016	0.027	07/05/2022	15:17
8	N3585-01		1	50	50	0.540	0.832	07/05/2022	15:17
9	N3585-01DUP		1	50	50	0.542	0.835	07/05/2022	15:18
10	N3585-01MS	0.5	1	50	50	0.810	1.247	07/05/2022	15:18
11	N3585-01MSD	0.5	1	50	50	0.817	1.258	07/05/2022	15:19
12	N3585-01MS	0.5	2	50	50	0.412	0.635	07/05/2022	15:19
13	N3585-01MSD	0.5	2	50	50	0.413	0.637	07/05/2022	15:20
14	CCV2	0.5	1	50	50	0.327	0.505	07/05/2022	15:20
15	CCB2		1	50	50	0.003	0.007	07/05/2022	15:21

WORKLIST(Hardcopy Internal Chain)

LB 120931

WorkList Name : ORTHOP-070522 WorkList ID : 161100 Department : Wet-Chemistry Date : 07-05-2022 14:22:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/08/2022	Water	N3214-09	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA O1	MDL-WATER-03-QT2-2022	06/06/2022	SM4500-P E
07/07/2022	Water	N3585-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	G11	EFFLUENT	07/05/2022	SM4500-P E

Date/Time 7/5/22 16:40
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 7/5/22 15:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)