

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: AMANDEEP

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB107510

Reagent/Standard	Lot/Log #
5N sulfuric acid	WP79628
phosphate LCS std	WP81756
calibration std. phosphate 1 ppm	WP81750
calibration std. phosphate 0.5 ppm	WP81749
calibration std. phosphate 0.3 ppm	WP81748
calibration std. 0 ppm	WP81745
phosphate ICV std.	WP81752
phosphate CCV std.	WP81751
calibration std. phosphate 0.1 ppm	WP81747
calibration std. phosphate 0.05 ppm	WP81746
Combined reagent	WP81754
Phenolphthalein indicator	WP81711
Sodium hydroxide, 1N	WP77314
Phosphate LOD std, 0.025ppm	WP81757
Phosphphate LOQ std, 0.05PPM	WP81758

Intercept: 0.0003

Slope: 0.6366

Regression: 0.999831

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	02/03/2020	12:06
2	CAL2	0.05	1	50	50	0.033	02/03/2020	12:07
3	CAL3	0.10	1	50	50	0.064	02/03/2020	12:07
4	CAL4	0.30	1	50	50	0.185	02/03/2020	12:08
5	CAL5	0.50	1	50	50	0.326	02/03/2020	12:09
6	CAL6	1.00	1	50	50	0.635	02/03/2020	12:09



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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	0.337	0.529	02/03/2020	12:10
2	ICB		1	50	50	0.000	0.000	02/03/2020	12:10
3	CCV1	0.5	1	50	50	0.329	0.516	02/03/2020	12:11
4	CCB1		1	50	50	0.000	0.000	02/03/2020	12:11
5	LB107510BL		1	50	50	0.000	0.000	02/03/2020	12:12
6	LB107510BS	0.5	1	50	50	0.330	0.518	02/03/2020	12:13
7	L1161-07		1	50	50	0.021	0.033	02/03/2020	12:14
8	L1161-08		1	50	50	0.044	0.069	02/03/2020	12:15
9	L1355-01		1	50	50	1.539	2.417	02/03/2020	12:15
10	L1355-01DUP		1	50	50	1.573	2.470	02/03/2020	12:16
11	L1355-01MS	0.5	1	50	50	2.043	3.209	02/03/2020	12:18
12	L1355-01MSD	0.5	1	50	50	2.074	3.257	02/03/2020	12:19
13	L1355-01		50	50	50	0.250	0.392	02/03/2020	12:42
14	L1355-01DUP		50	50	50	0.252	0.395	02/03/2020	12:42
15	CCV2	0.5	1	50	50	0.328	0.515	02/03/2020	12:43
16	CCB2		1	50	50	0.000	0.000	02/03/2020	12:43
17	L1355-01MS	0.5	50	50	50	0.254	0.399	02/03/2020	12:45
18	L1355-01MSD	0.5	50	50	50	0.255	0.400	02/03/2020	12:45
19	CCV3	0.5	1	50	50	0.329	0.516	02/03/2020	12:46
20	CCB3		1	50	50	0.000	0.000	02/03/2020	12:46

CB 107509

WORKLIST(Hardcopy Internal Chain)

WorkList Name : OP020320

WorkList ID : 135647

Department : Wet-Chemistry

Date : 02-03-2020 10:48:51

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/18/2020	Water	L1161-07	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT1-20	01/16/2020	SM4500-P E
01/18/2020	Water	L1161-08	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT1-2020	01/16/2020	SM4500-P E
02/02/2020	Water	L1355-01 C	Phosphorus-Ortho	Cool 4 deg C	HOLL01	L21	EFFLUENT	01/31/2020	SM4500-P E

Date/Time 02-03-20 11:15
Received by: AK
Relinquished by: CP

Date/Time 02-03-20 13:00
Received by: CR
Relinquished by: AK