



Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: AMANDEEP

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: apatel

Run Number: LB103968

Reagent/Standard	Lot/Log #
5N sulfuric acid	WP75751
phosphate LCS std	WP76287
calibration std. phosphate 1 ppm	WP76282
calibration std. phosphate 0.5 ppm	WP76281
calibration std. phosphate 0.3 ppm	WP76280
calibration std. 0 ppm	WP76277
phosphate ICV std.	WP76286
phosphate CCV std.	WP76285
calibration std. phosphate 0.1 ppm	WP76279
calibration std. phosphate 0.05 ppm	WP76278
Phenolphthalein indicator	WP71599
Sodium hydroxide, 1N	WP71600
PHOSPHATE LOD STD, 0.01PPM	WP76288
Phosphosphate LOQ std, 0.05PPM	WP76289

Intercept: 0.0006

Slope: 0.6336

Regression: 0.999833

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	07/12/2019	11:56
2	CAL2	0.05	1	50	50	0.032	07/12/2019	11:56
3	CAL3	0.10	1	50	50	0.065	07/12/2019	11:57
4	CAL4	0.30	1	50	50	0.185	07/12/2019	11:57
5	CAL5	0.50	1	50	50	0.325	07/12/2019	11:58
6	CAL6	1.00	1	50	50	0.632	07/12/2019	11:58



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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	0.317	0.499	07/12/2019	11:59
2	ICB		1	50	50	0.000	-0.001	07/12/2019	12:00
3	CCV1	0.5	1	50	50	0.321	0.506	07/12/2019	12:01
4	CCB1		1	50	50	0.000	-0.001	07/12/2019	12:01
5	LB103968BL		1	50	50	0.000	-0.001	07/12/2019	12:02
6	LB103968BS	0.5	1	50	50	0.312	0.491	07/12/2019	12:02
7	K3591-07		1	50	50	0.009	0.013	07/12/2019	12:03
8	K3591-08		1	50	50	0.035	0.054	07/12/2019	12:03
9	K3799-01		1	50	50	1.178	1.858	07/12/2019	12:04
10	K3799-01DUP		1	50	50	1.180	1.861	07/12/2019	12:04
11	K3799-01MS	0.5	1	50	50	1.479	2.333	07/12/2019	12:05
12	K3799-01MSD	0.5	1	50	50	1.471	2.321	07/12/2019	12:05
13	K3799-01		50	50	50	0.582	0.918	07/12/2019	12:26
14	K3799-01DUP		50	50	50	0.581	0.916	07/12/2019	12:27
15	CCV2	0.5	1	50	50	0.322	0.507	07/12/2019	12:29
16	CCB2		1	50	50	0.000	-0.001	07/12/2019	12:29
17	K3799-01MS	0.5	50	50	50	0.587	0.926	07/12/2019	12:30
18	K3799-01MSD	0.5	50	50	50	0.589	0.929	07/12/2019	12:31
19	CCV3	0.5	1	50	50	0.324	0.510	07/12/2019	12:32
20	CCB3		1	50	50	0.000	-0.001	07/12/2019	12:32

C3103968

WORKLIST(Hardcopy Internal Chain)

WorkList Name : op071219 WorkList ID : 128491 Department : Wet-Chemistry Date : 07-12-2019 08:07:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/30/2019	Water	K3591-07	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT3-20	06/28/2019	SM4500-P E
06/30/2019	Water	K3591-08	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT3-2019	06/28/2019	SM4500-P E
07/13/2019	Water	K3799-01	Phosphorus-Ortho	Cool 4 deg C	HOLL01	M51	EFFLUENT	07/11/2019	SM4500-P E

Date/Time 07-12-19 11:40
Received by: AK
Relinquished by: AK

Date/Time 07-12-19 13:00
Received by: AK
Relinquished by: AK