



Analytical Summary Report

Analysis Method: ASTM D1067-92

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB90396

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

Reagent/Standard	Lot/Log #
Acidity LCSW -50 ppm	WP58346
Hydrogen Peroxide, 30% 1 gal	M3756
Sulfuric Acid, 0.02N (cs/4x4L)	W2074
Sodium Hydroxide, 0.0200 Normal, 1L	W2181

Seq	LabID	ClientID	TV (mg/L)	DL	Sample Vol (mL)	Initial pH	Residual Chlorine	T1 (mL)	T2 (mL)	Result (mg/L)	Anal Date	Anal Time
1	LB90396BL	LB90396BL		1	50.00	4.65	NEGATIVE	5.00	5.20	4.00	09/28/2017	14:47
2	LB90396BS	LB90396BS	-50	1	50.00	9.73	NEGATIVE	5.00	2.60	-48.00	09/28/2017	14:59
3	I5274-27	RR-ACD-WP		1	50.00	4.01	NEGATIVE	5.00	39.60	692.00	09/28/2017	15:15

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

Result = ((T2 * Normality2) - (T1 * Normality1)) * Constant / Sample Vol

WORKLIST(Hardcopy Internal Chain)

WorkList Name : I5274 Wet PT

WorkList ID : 102946

Date : 9/15/2017 3:01:45 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5274-01	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/12/2017	7196A
	Water	I5274-02	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/12/2017	SM3500-Cr B
	Water	I5274-03	✓ BOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/12/2017	SM5210 B
	Water	I5274-03	✓ CBOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/12/2017	SM5210 B
	Water	I5274-03	✓ COD	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/12/2017	SM5220 D
	Water	I5274-03	✓ TOC	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/12/2017	SM5310B
	Water	I5274-04	✓ TOC	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/12/2017	9060
	Water	I5274-05	✓ Alkalinity	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	SM2320 B
	Water	I5274-05	✓ Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	300.0
	Water	I5274-05	✓ Chloride	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	SM4500-CL C
	Water	I5274-05	✓ Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	SM 4500-SO4E
	Water	I5274-06	✓ Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	9056
	Water	I5274-06	✓ Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/12/2017	9038
	Water	I5274-07	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/12/2017	SM2510 B
	Water	I5274-08	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/12/2017	120.1
	Water	I5274-09	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/12/2017	9050A
	Water	I5274-10	✓ TDS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/12/2017	SM2540 C
	Water	I5274-10	✓ TS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/12/2017	SM2540 B
	Water	I5274-10	✓ TSS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/12/2017	SM2540 D
	Water	I5274-11	✓ Ammonia	Conc H2SO4 4c	CHEM02	QA Office	PT-NUT1-WP	09/12/2017	SM4500-NH3
	Water	I5274-11	✓ Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/12/2017	300.0

Date/Time 9/15/12 3:30 PM

Received by: AS

Relinquished by: WAS

Date/Time 9/15/12 9:30 PM

Received by: AS

Relinquished by: AS

WORKLIST(Hardcopy Internal Chain)

WorkList Name : I5274 Wet PT

WorkList ID : 102946

Date : 9/15/2017 3:01:45 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5274-12	✓ Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/12/2017	9056
	Water	I5274-12	✓ Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/12/2017	SM4500-P E
	Water	I5274-13	✓ Phosphorus-Total	Conc H2SO4 to	CHEM02	QA Office	PT-NUT2-WP	09/12/2017	365.3
	Water	I5274-13	✓ TKN	Conc H2SO4 to	CHEM02	QA Office	PT-NUT2-WP	09/12/2017	SM4500 N Org
	Water	I5274-14	✓ Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/12/2017	SM4500-NO2 B
	Water	I5274-15	✓ Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/12/2017	300.0
	Water	I5274-16	✓ Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/12/2017	9056
	Water	I5274-17	✓ Oil and Grease	Conc H2SO4 to	CHEM02	QA Office	PT-OGR1L-WP	09/12/2017	1664A
	Water	I5274-18	✓ TPH	Conc H2SO4 to	CHEM02	QA Office	RR-TPH1L-WP	09/12/2017	1664A
	Water	I5274-19	✓ Residual Chlorine	Cool 4 deg C	CHEM02	QA Office	PT-CL-WP	09/12/2017	SM4500 Cl G
	Water	I5274-20	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/12/2017	SM 4500-PH B
	Water	I5274-21	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/12/2017	9040C
	Water	I5274-22	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/12/2017	9041A
	Water	I5274-23	✓ Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/12/2017	SM4500-CN C
	Water	I5274-24	✓ Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/12/2017	9012B
	Water	I5274-25	✓ Phenolics	Conc H2SO4 to	CHEM02	QA Office	PT-PHEN-WP	09/12/2017	9065
	Water	I5274-26	✓ Phenolics	Conc H2SO4 to	CHEM02	QA Office	PT-PHEN-WP	09/12/2017	420.1
	Water	I5274-27	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	RR-ACD-WP	09/12/2017	ASTM D1067-S
	Water	I5274-28	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	RR-ACD-WP	09/12/2017	SM2310 B
	Water	I5274-29	✓ MBAS	Cool 4 deg C	CHEM02	QA Office	RR-MBAS-WP	09/12/2017	SM5540 C
	Water	I5274-30	✓ Color	Cool 4 deg C	CHEM02	QA Office	RR-COL-WP	09/12/2017	SM2120 B

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Received by: NA

Relinquished by: NA

Date/Time 10/17/18 9:30 AM

Received by: NA

Relinquished by: NA

WORKLIST(Hardcopy Internal Chain)

WorkList Name : I5274 Wet PT

WorkList ID : 102946

Date : 9/15/2017 3:01:45 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5274-31	✓ Sulfide	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	09/12/2017	SM4500 S Eor
	Water	I5274-32	✓ Sulfide	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	09/12/2017	9034
	Water	I5274-33	✓ Settleable Solids	Cool 4 deg C	CHEM02	QA Office	PT-SSOL-WP	09/12/2017	SM2540 F
	Water	I5274-34	✓ TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/12/2017	SM2540 G
	Water	I5274-35	✓ TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/12/2017	160.4
	Water	I5274-36	✓ Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/12/2017	SM2130 B
	Water	I5274-37	✓ Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/12/2017	180.1

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