



Analytical Summary Report

Analysis Method: ASTM D1067-11

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB98551

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Acidity LCSW -50 ppm	WP68650
Hydrogen Peroxide, 30% 1 gal	M4217
SULFURIC ACID, 0.02N, 4L	W2269
Sodium Hydroxide, 0.0200 Normal, 1L	W2285

Seq	LabID	ClientID	TV (mg/L)	DL	Sample Vol (mL)	Residual Chlorine	Initial pH	T1 (mL)	Adj pH	T2 (mL)	End Point pH	Result (mg/L)	Anal Date	Anal Time
1	LB98551BL	LB98551BL		1	50.00	NEGATIVE	5.29	5.00	2.96	5.02	8.20	0.40	10/11/2018	12:57
2	LB98551BS	LB98551BS	-50	1	50.00	NEGATIVE	9.98	5.00	3.20	2.98	8.21	-40.40	10/11/2018	13:10
3	J4880-28	PT-ACD-WP		1	50.00	NEGATIVE	4.08	5.00	3.84	82.20	8.23	1,544.0	10/11/2018	13:45

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : J4880 Wet PT

WorkList ID : 116637

Date : 9/12/2018 4:45:12 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/11/2018	Water	J4880-01	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/10/2018	7196A
09/11/2018	Water	J4880-02	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/10/2018	SM3500-Cr B
09/12/2018	Water	J4880-03	BOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/10/2018	SM5210 B
09/12/2018	Water	J4880-03	CBOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/10/2018	SM5210 B
09/25/2018	Water	J4880-03	COD	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/10/2018	SM5220 D
09/25/2018	Water	J4880-03	TOC	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/10/2018	SM5310B
09/25/2018	Water	J4880-04	TOC	Conc H2SO4 4c	CHEM02	QA Office	PT-DEM-WP	09/10/2018	9060A
09/24/2018	Water	J4880-05	Alkalinity	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	SM2320 B
09/12/2018	Water	J4880-05	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	300.0
09/25/2018	Water	J4880-05	Chloride	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	SM4500-CL C
09/25/2018	Water	J4880-05	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	SM 4500-SO4B
09/12/2018	Water	J4880-06	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	9056A
09/25/2018	Water	J4880-06	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/10/2018	9038
09/25/2018	Water	J4880-07	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/10/2018	SM2510 B
09/25/2018	Water	J4880-08	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/10/2018	120.1
09/25/2018	Water	J4880-09	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/10/2018	9050A
09/17/2018	Water	J4880-10	TDS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/10/2018	SM2540 C
09/17/2018	Water	J4880-10	TS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/10/2018	SM2540 B
09/17/2018	Water	J4880-10	TSS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/10/2018	SM2540 D
09/25/2018	Water	J4880-11	Ammonia	Conc H2SO4 4c	CHEM02	QA Office	PT-NUT1-WP	09/10/2018	SM4500-NH3
09/12/2018	Water	J4880-11	Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/10/2018	300.0

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Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/12/2018	Water	J4880-12	Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/10/2018	9056A
09/12/2018	Water	J4880-12	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/10/2018	SM4500-P E
09/25/2018	Water	J4880-13	Phosphorus-Total	Conc H2SO4 tr	CHEM02	QA Office	PT-NUT2-WP	09/10/2018	365.3
09/25/2018	Water	J4880-13	TKN	Conc H2SO4 tr	CHEM02	QA Office	PT-NUT2-WP	09/10/2018	SM4500 N Org
09/12/2018	Water	J4880-14	Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/10/2018	SM4500-NO2
09/12/2018	Water	J4880-15	Anions Group4	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/10/2018	300.0
09/12/2018	Water	J4880-16	Anions Group5	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/10/2018	9056A
09/25/2018	Water	J4880-17	Oil and Grease	Conc H2SO4 tr	CHEM02	QA Office	PT-GR1L-WP	09/10/2018	1664A
09/17/2018	Water	J4880-18	TPH	Conc H2SO4 tr	CHEM02	QA Office	RR-TPH1L-WP	09/10/2018	1664A
09/10/2018	Water	J4880-19	Residual Chlorine	Cool 4 deg C	CHEM02	QA Office	PT-CL-WP	09/10/2018	SM4500 Cl G
09/10/2018	Water	J4880-20	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/10/2018	SM 4500-PH B
09/10/2018	Water	J4880-21	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/10/2018	9040C
09/10/2018	Water	J4880-22	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/10/2018	9041A
09/24/2018	Water	J4880-23	Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/10/2018	SM4500-CN C
09/24/2018	Water	J4880-24	Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/10/2018	9012B
09/24/2018	Water	J4880-25	Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/10/2018	9014
09/25/2018	Water	J4880-26	Phenolics	Conc H2SO4 tr	CHEM02	QA Office	PT-PHEN-WP	09/10/2018	9065
09/25/2018	Water	J4880-27	Phenolics	Conc H2SO4 tr	CHEM02	QA Office	PT-PHEN-WP	09/10/2018	420.1
09/24/2018	Water	J4880-28	Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	09/10/2018	ASTM D1067-
09/24/2018	Water	J4880-29	Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	09/10/2018	SM2310 B
09/12/2018	Water	J4880-30	MBAS	Cool 4 deg C	CHEM02	QA Office	PT-MBAS-WP	09/10/2018	SM5540 C

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* Nitrite sample pH:- 5.36

pH meter ID:- WC pH meter-1

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09/12/2018	Water	J4880-31	Color	Cool 4 deg C	CHEM02	QA Office	PT-COL-WP	09/10/2018	SM2120 B
09/17/2018	Water	J4880-32	Sulfide	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	09/10/2018	SM4500 S Eor
09/17/2018	Water	J4880-33	Sulfide	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	09/10/2018	9034
09/12/2018	Water	J4880-34	Settleable Solids	Cool 4 deg C	CHEM02	QA Office	PT-SSOL-WP	09/10/2018	SM2540 F
09/17/2018	Water	J4880-35	TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/10/2018	SM2540 G
09/17/2018	Water	J4880-36	TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/10/2018	160.4
09/12/2018	Water	J4880-37	Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/10/2018	SM2130 B
09/12/2018	Water	J4880-38	Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/10/2018	180.1

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