

Analytical Summary Report

Analysis Method: ASTM D1067-92

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB93855

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

Reagent/Standard	Lot/Log #
Acidity LCSW -50 ppm	WP62643
Hydrogen Peroxide, 30% 1 gal	M4053
SULFURIC ACID, 0.02N, 4L	W2269
Sodium Hydroxide, 0.0200 Normal, 1L	W2285

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	LB93855BL	LB93855BL		1	50.00	4.45	NEGATIVE	5.00	5.00	0.00	03/13/2018	10:54
2	LB93855BS	LB93855BS	-50	1	50.00	9.97	NEGATIVE	5.00	2.58	-48.40	03/13/2018	11:10
3	J1900-28	PT-ACD-WP		1	50.00	4.16	NEGATIVE	5.00	49.60	892.00	03/13/2018	11:25

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : J1900 Wet PT WorkList ID : 109520 Date : 3/12/2018 5:54:00 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/06/2018	Water	J1900-01	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	03/05/2018	7196A
03/06/2018	Water	J1900-02	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	03/05/2018	SM3500-Cr B
03/07/2018	Water	J1900-03	BOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	03/05/2018	SM5210 B
03/07/2018	Water	J1900-03	CBOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	03/05/2018	SM5210 B
03/20/2018	Water	J1900-03	COD	Conc H2SO4 tc	CHEM02	QA Office	PT-DEM-WP	03/05/2018	SM5220 D
03/20/2018	Water	J1900-03	TOC	Conc H2SO4 tc	CHEM02	QA Office	PT-DEM-WP	03/05/2018	SM5310B
03/20/2018	Water	J1900-04	TOC	Conc H2SO4 tc	CHEM02	QA Office	PT-DEM-WP	03/05/2018	9060
03/19/2018	Water	J1900-05	Alkalinity	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	SM2320 B
03/07/2018	Water	J1900-05	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	300.0
03/20/2018	Water	J1900-05	Chloride	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	SM4500-CL C
03/20/2018	Water	J1900-05	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	SM 4500-SO4E
03/07/2018	Water	J1900-06	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	9056
03/20/2018	Water	J1900-06	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	03/05/2018	9038
03/20/2018	Water	J1900-07	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	03/05/2018	SM2510 B
03/20/2018	Water	J1900-08	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	03/05/2018	120.1
03/20/2018	Water	J1900-09	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	03/05/2018	9050A
03/12/2018	Water	J1900-10	TDS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	03/05/2018	SM2540 C
03/12/2018	Water	J1900-10	TS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	03/05/2018	SM2540 B
03/12/2018	Water	J1900-10	TSS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	03/05/2018	SM2540 D
03/20/2018	Water	J1900-11	Ammonia	Conc H2SO4 tc	CHEM02	QA Office	PT-NUT1-WP	03/05/2018	SM4500-NH3
03/07/2018	Water	J1900-11	Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	03/05/2018	300.0

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : J1900 Wet PT WorkList ID : 109520

Date : 3/12/2018 5:54:00 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/07/2018	Water	J1900-12	✓ Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	03/05/2018	9056
03/07/2018	Water	J1900-12	✓ Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	03/05/2018	SM4500-P E
03/20/2018	Water	J1900-13	✓ Phosphorus-Total	Conc H2SO4 tc	CHEM02	QA Office	PT-NUT2-WP	03/05/2018	365.3
03/20/2018	Water	J1900-13	✓ TKN	Conc H2SO4 tc	CHEM02	QA Office	PT-NUT2-WP	03/05/2018	SM4500 N Org
03/07/2018	Water	J1900-14	✓ Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	03/05/2018	SM4500-NO2 E
03/07/2018	Water	J1900-15	✓ Anions Group4	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	03/05/2018	300.0
03/07/2018	Water	J1900-16	✓ Anions Group5	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	03/05/2018	9056
03/20/2018	Water	J1900-17	✓ Oil and Grease	Conc H2SO4 tc	CHEM02	QA Office	PT-OGR1L-WP	03/05/2018	1664A
03/12/2018	Water	J1900-18	✓ TPH	Conc H2SO4 tc	CHEM02	QA Office	RR-TPH1L-WP	03/05/2018	1664A
03/05/2018	Water	J1900-19	✓ Residual Chlorine	Cool 4 deg C	CHEM02	QA Office	PT-CL-WP	03/05/2018	SM4500 Cl G
03/05/2018	Water	J1900-20	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	03/05/2018	SM 4500-PH B
03/05/2018	Water	J1900-21	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	03/05/2018	9040C
03/05/2018	Water	J1900-22	✓ pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	03/05/2018	9041A
03/19/2018	Water	J1900-23	✓ Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	03/05/2018	SM4500-CN C
03/19/2018	Water	J1900-24	✓ Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	03/05/2018	9012B
03/19/2018	Water	J1900-25	✓ Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	03/05/2018	9014
03/20/2018	Water	J1900-26	✓ Phenolics	Conc H2SO4 tc	CHEM02	QA Office	PT-PHEN-WP	03/05/2018	9065
03/20/2018	Water	J1900-27	✓ Phenolics	Conc H2SO4 tc	CHEM02	QA Office	PT-PHEN-WP	03/05/2018	420.1
03/19/2018	Water	J1900-28	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	03/05/2018	ASTM D1067-S
03/19/2018	Water	J1900-29	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	03/05/2018	SM2310 B
03/07/2018	Water	J1900-30	✓ MBAS	Cool 4 deg C	CHEM02	QA Office	PT-MBAS-WP	03/05/2018	SM5540 C

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Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/07/2018	Water	J1900-31	Color ✓	Cool 4 deg C	CHEM02	QA Office	PT-COL-WP	03/05/2018	SM2120 B
03/12/2018	Water	J1900-32	Sulfide ✓	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	03/05/2018	SM4500 S Eor
03/12/2018	Water	J1900-33	Sulfide ✓	Zinc acetate an	CHEM02	QA Office	PT-S2-WP	03/05/2018	9034
03/07/2018	Water	J1900-34	Settleable Solids ✓	Cool 4 deg C	CHEM02	QA Office	PT-SSOL-WP	03/05/2018	SM2540 F
03/12/2018	Water	J1900-35	TVS ✓	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	03/05/2018	SM2540 G
03/12/2018	Water	J1900-36	TVS ✓	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	03/05/2018	160.4
03/07/2018	Water	J1900-37	Turbidity ✓	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	03/05/2018	SM2130 B
03/07/2018	Water	J1900-38	Turbidity ✓	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	03/05/2018	180.1

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