



Analytical Summary Report

Analysis Method: SM2310 B

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB93067

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

Reagent/Standard	Lot/Log #
Acidity LCSW -50 ppm	WP61548
SULFURIC ACID, 0.02N, 4L	W2269
Sodium Hydroxide, 0.0200 Normal, 1L	W2285
Hydrogen Peroxide, 30% 1 gal	M4053

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	LB93067BL	LB93067BL		1	50.00	4.66	NEGATIVE	5.00	5.00	0.00	02/02/2018	11:01
2	LB93067BS	LB93067BS	-50	1	50.00	10.00	NEGATIVE	5.00	2.42	-51.60	02/02/2018	11:15
3	J1192-32	1060		1	50.00	1.99	NEGATIVE	0.00	83.00	1660.00	02/02/2018	11:31

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : J1192 Wet PT

WorkList ID : 107546

Date : 1/18/2018 11:10:13 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/30/2018	✓ Solid	J1192-01	✓ Cyanide	Cool 4 deg C	CHEM02	QA Office	1042	01/16/2018	9012B
01/30/2018	✓ Solid	J1192-02	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	1046	01/16/2018	7196A
01/30/2018	✓ Solid	J1192-03	✓ Flash Point	Cool 4 deg C	CHEM02	QA Office	1064	01/16/2018	1010A
01/30/2018	✓ Solid	J1192-04	✓ Oil and Grease	Cool 4 deg C	CHEM02	QA Office	1054	01/16/2018	9071B
01/30/2018	✓ Solid	J1192-05	✓ Anions Group1	1:1 HNO3 to p	CHEM02	QA Office	1063	01/16/2018	9056
01/30/2018	✓ Solid	J1192-05	✓ Sulfate	Cool 4 deg C	CHEM02	QA Office	1063	01/16/2018	9038
01/16/2018	✓ Solid	J1192-06	✓ Corrosivity	Cool 4 deg C	CHEM02	QA Office	1049	01/16/2018	9045C
01/16/2018	✓ Solid	J1192-06	✓ pH	Cool 4 deg C	CHEM02	QA Office	1049	01/16/2018	9040C
01/18/2018	✓ Water	J1192-07	✓ Settleable Solids	Cool 4 deg C	CHEM02	QA Office	1051	01/16/2018	SM2540 F
01/18/2018	✓ Water	J1192-08	✓ Anions Group1	Cool 4 deg C	CHEM02	QA Office	1008	01/16/2018	300.0
01/18/2018	✓ Water	J1192-08	✓ Anions Group2	Cool 4 deg C	CHEM02	QA Office	1008	01/16/2018	9056
01/30/2018	✓ Water	J1192-08	✓ Chloride	Cool 4 deg C	CHEM02	QA Office	1008	01/16/2018	SM4500-CL C
01/30/2018	✓ Water	J1192-08	✓ Sulfate	Cool 4 deg C	CHEM02	QA Office	1008	01/16/2018	SM 4500-SO4
01/18/2018	✓ Water	J1192-09	✓ Turbidity	Cool 4 deg C	CHEM02	QA Office	1052	01/16/2018	180.1
01/18/2018	✓ Water	J1192-10	✓ Turbidity	Cool 4 deg C	CHEM02	QA Office	1052	01/16/2018	SM2130 B
01/17/2018	✓ Water	J1192-11	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	1032	01/16/2018	7196A
01/17/2018	✓ Water	J1192-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	1032	01/16/2018	SM3500-Cr B
01/30/2018	✓ Water	J1192-13	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	1030	01/16/2018	SM2510 B
01/30/2018	✓ Water	J1192-14	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	1030	01/16/2018	120.1
01/30/2018	✓ Water	J1192-15	✓ Conductance	Cool 4 deg C	CHEM02	QA Office	1030	01/16/2018	9050A
01/30/2018	✓ Water	J1192-16	✓ Phenolics	Conc H2SO4 to	CHEM02	QA Office	1009	01/16/2018	420.1

Date/Time 1/19/2018 9:30 AM Date/Time 2/26/18 5:30 PM
 Received by: MA Received by: MA
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WorkList Name : J1192 Wet PT WorkList ID : 107546

Date : 1/18/2018 11:10:13 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/30/2018	Water	J1192-17	Phenolics	Conc H2SO4 tr	CHEM02	QA Office	1009	01/16/2018	9065
01/18/2018	Water	J1192-18	BOD5	Cool 4 deg C	CHEM02	QA Office	1001	01/16/2018	SM5210 B
01/18/2018	Water	J1192-18	CBOD5	Cool 4 deg C	CHEM02	QA Office	1001	01/16/2018	SM5210 B
01/30/2018	Water	J1192-18	COD	Conc H2SO4 tr	CHEM02	QA Office	1001	01/16/2018	SM5220 D
01/30/2018	Water	J1192-18	TOC	Conc H2SO4 tr	CHEM02	QA Office	1001	01/16/2018	SM5310B
01/30/2018	Water	J1192-19	TOC	Conc H2SO4 tr	CHEM02	QA Office	1001	01/16/2018	9060
01/23/2018	Water	J1192-20	TS	Cool 4 deg C	CHEM02	QA Office	1002	01/16/2018	SM2540 B
01/23/2018	Water	J1192-20	TSS	Cool 4 deg C	CHEM02	QA Office	1002	01/16/2018	SM2540 D
01/30/2018	Water	J1192-21	Phosphorus-Total	Conc H2SO4 tr	CHEM02	QA Office	1004	01/16/2018	365.3
01/30/2018	Water	J1192-21	TKN	Conc H2SO4 tr	CHEM02	QA Office	1004	01/16/2018	SM4500 N Org
01/30/2018	Water	J1192-22	Alkalinity	Cool 4 deg C	CHEM02	QA Office	1006	01/16/2018	SM2320 B
01/30/2018	Water	J1192-23	Ammonia	Conc H2SO4 tr	CHEM02	QA Office	1007	01/16/2018	SM4500-NH3
01/18/2018	Water	J1192-23	Anions Group2	Cool 4 deg C	CHEM02	QA Office	1007	01/16/2018	300.0
01/18/2018	Water	J1192-23	Anions Group5	Cool 4 deg C	CHEM02	QA Office	1007	01/16/2018	9056
01/18/2018	Water	J1192-23	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	1007	01/16/2018	SM4500-P E
01/23/2018	Water	J1192-24	TDS	Cool 4 deg C	CHEM02	QA Office	1040	01/16/2018	SM2540 C
01/23/2018	Water	J1192-25	Sulfide	Zinc acetate an	CHEM02	QA Office	1045	01/16/2018	9034
01/18/2018	Water	J1192-26	MBAS	Cool 4 deg C	CHEM02	QA Office	1043	01/16/2018	SM5540 C
01/18/2018	Water	J1192-27	Color	Cool 4 deg C	CHEM02	QA Office	1056	01/16/2018	SM2120 B
01/30/2018	Water	J1192-28	Oil and Grease	Conc H2SO4 tr	CHEM02	QA Office	1010	01/16/2018	1664A
01/30/2018	Water	J1192-29	Cyanide	10 N NaOH to I	CHEM02	QA Office	1012	01/16/2018	9012B

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Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/30/2018	✓ Water	J1192-30	✓ Cyanide	10 N NaOH to I	CHEM02	QA Office	1012	01/16/2018	SM4500-CN C
01/30/2018	✓ Water	J1192-31	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	1060	01/16/2018	ASTM D1067-9
01/30/2018	✓ Water	J1192-32	✓ Acidity	Cool 4 deg C	CHEM02	QA Office	1060	01/16/2018	SM2310 B
01/18/2018	✓ Water	J1192-33	✓ Anions Group4	Cool 4 deg C	CHEM02	QA Office	1041	01/16/2018	9056
01/18/2018	✓ Water	J1192-33	✓ Anions Group5	Cool 4 deg C	CHEM02	QA Office	1041	01/16/2018	300.0
01/18/2018	✓ Water	J1192-33	✓ Nitrite	Cool 4 deg C	CHEM02	QA Office	1041	01/16/2018	SM4500-NO2 B

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