



Analytical Summary Report

Analysis Method: ASTM D1067-92

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB89269

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

Reagent/Standard	Lot/Log #
Acidity LCSW -50 ppm	WP56978
Sulfuric Acid, 0.02N (cs/4x4L)	W2074
Sodium Hydroxide, 0.0200 Normal, 1L	W2181
Hydrogen Peroxide, 30% 1 gal	M3756

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	LB89269BL	LB89269BL		1	50.00	5.01	NEGATIVE	5.00	5.00	0.00	08/15/2017	13:33
2	LB89269BS	LB89269BS	-50	1	50.00	9.71	NEGATIVE	5.00	2.60	-48.00	08/15/2017	13:48
3	I4346-31	0560		1	50.00	1.97	NEGATIVE	0.00	73.60	1472.00	08/15/2017	13:59

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : I4346 Wet PT

WorkList ID : 100908

Date : 7/20/2017 3:54:07 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Solid	I4346-01	Cyanide	Cool 4 deg C	CHEM02	QA Office	0542 ✓	07/18/2017	9012B
	Solid	I4346-02	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	0546 ✓	07/18/2017	7196A
	Solid	I4346-03	Flash Point	Cool 4 deg C	CHEM02	QA Office	0564 ✓	07/18/2017	1010A
	Solid	I4346-04	Oil and Grease	Cool 4 deg C	CHEM02	QA Office	0554 ✓	07/18/2017	9071B
	Solid	I4346-05	Anions Group1	1:1 HNO3 to p	CHEM02	QA Office	0563 ✓	07/18/2017	9056
	Solid	I4346-05	Sulfate	Cool 4 deg C	CHEM02	QA Office	0563 ✓	07/18/2017	9038
	Solid	I4346-06	Corrosivity	Cool 4 deg C	CHEM02	QA Office	0549 ✓	07/18/2017	9040C
	Solid	I4346-06	pH	Cool 4 deg C	CHEM02	QA Office	0549 ✓	07/18/2017	9040C
	Water	I4346-07	Settleable Solids	Cool 4 deg C	CHEM02	QA Office	0551 ✓	07/18/2017	SM2540 F
	Water	I4346-08	Anions Group1	Cool 4 deg C	CHEM02	QA Office	0508 ✓	07/18/2017	300.0
	Water	I4346-08	Anions Group2	Cool 4 deg C	CHEM02	QA Office	0508 ✓	07/18/2017	9056
	Water	I4346-08	Chloride	Cool 4 deg C	CHEM02	QA Office	0508 ✓	07/18/2017	SM4500-CL C
	Water	I4346-08	Sulfate	Cool 4 deg C	CHEM02	QA Office	0508 ✓	07/18/2017	SM 4500-SO4B
	Water	I4346-09	Turbidity	Cool 4 deg C	CHEM02	QA Office	0552 ✓	07/18/2017	180.1
	Water	I4346-10	Turbidity	Cool 4 deg C	CHEM02	QA Office	0552 ✓	07/18/2017	SM2130 B
	Water	I4346-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	0532 ✓	07/18/2017	7196A
	Water	I4346-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	0532 ✓	07/18/2017	SM3500-Cr B
	Water	I4346-13	Conductance	Cool 4 deg C	CHEM02	QA Office	0530 ✓	07/18/2017	SM2510 B
	Water	I4346-14	Conductance	Cool 4 deg C	CHEM02	QA Office	0530 ✓	07/18/2017	120.1
	Water	I4346-15	Conductance	Cool 4 deg C	CHEM02	QA Office	0530 ✓	07/18/2017	9050A
	Water	I4346-16	Phenolics	Conc H2SO4 to	CHEM02	QA Office	0509 ✓	07/18/2017	420.1

Date/Time 7/21/17 8:30 AM

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Date/Time 8/15/17 5:00 AM

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Relinquished by: ASB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : I4346 Wet PT WorkList ID : 100908

Date : 7/20/2017 3:54:07 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4346-17	Phenolics	Conc H2SO4 to	CHEM02	QA Office	0509 ✓	07/18/2017	9065
	Water	I4346-18	BOD5	Cool 4 deg C	CHEM02	QA Office	0501 ✓	07/18/2017	SM5210 B
	Water	I4346-18	CBOD5	Cool 4 deg C	CHEM02	QA Office	0501 ✓	07/18/2017	SM5210 B
	Water	I4346-18	COD	Conc H2SO4 to	CHEM02	QA Office	0501 ✓	07/18/2017	SM5220 D
	Water	I4346-18	TOC	Conc H2SO4 to	CHEM02	QA Office	0501 ✓	07/18/2017	SM5310B
	Water	I4346-19	TOC	Conc H2SO4 to	CHEM02	QA Office	0501 ✓	07/18/2017	9060
	Water	I4346-20	TS	Cool 4 deg C	CHEM02	QA Office	0502 ✓	07/18/2017	SM2540 B
	Water	I4346-20	TSS	Cool 4 deg C	CHEM02	QA Office	0502 ✓	07/18/2017	SM2540 D
	Water	I4346-21	Phosphorus-Total	Conc H2SO4 to	CHEM02	QA Office	0504 ✓	07/18/2017	365.3
	Water	I4346-21	TKN	Conc H2SO4 to	CHEM02	QA Office	0504 ✓	07/18/2017	SM4500 N Org
	Water	I4346-22	Alkalinity	Cool 4 deg C	CHEM02	QA Office	0506 ✓	07/18/2017	SM2320 B
	Water	I4346-23	Ammonia	Conc H2SO4 to	CHEM02	QA Office	0507 ✓	07/18/2017	SM4500-NH3
	Water	I4346-23	Anions Group2	Cool 4 deg C	CHEM02	QA Office	0507 ✓	07/18/2017	9056
	Water	I4346-23	Anions Group5	Cool 4 deg C	CHEM02	QA Office	0507 ✓	07/18/2017	300.0
	Water	I4346-23	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	0507 ✓	07/18/2017	SM4500-P E
	Water	I4346-24	TDS	Cool 4 deg C	CHEM02	QA Office	0540 ✓	07/18/2017	SM2540 C
	Water	I4346-25	Sulfide	Zinc acetate an	CHEM02	QA Office	0545 ✓	07/18/2017	9034
	Water	I4346-26	MBAS	Cool 4 deg C	CHEM02	QA Office	0543 ✓	07/18/2017	SM5540 C
	Water	I4346-27	Color	Cool 4 deg C	CHEM02	QA Office	0556 ✓	07/18/2017	SM2120 B
	Water	I4346-28	Oil and Grease	Conc H2SO4 to	CHEM02	QA Office	0510 ✓	07/18/2017	1664A
	Water	I4346-29	Cyanide	10 N NaOH to 1	CHEM02	QA Office	0512 ✓	07/18/2017	9012B

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : I4346 Wet PT WorkList ID : 100908

Date : 7/20/2017 3:54:07 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4346-30	Cyanide	10 N NaOH to I	CHEM02	QA Office	0512 ✓	07/18/2017	SM4500-CN C
	Water	I4346-31	Acidity	Cool 4 deg C	CHEM02	QA Office	0560 ✓	07/18/2017	ASTM D1067-S
	Water	I4346-32	Acidity	Cool 4 deg C	CHEM02	QA Office	0560 ✓	07/18/2017	SM2310 B
	Water	I4346-33	Anions Group4	Cool 4 deg C	CHEM02	QA Office	0541 ✓	07/18/2017	9056
	Water	I4346-33	Anions Group5	Cool 4 deg C	CHEM02	QA Office	0541 ✓	07/18/2017	300.0
	Water	I4346-33	Nitrite	Cool 4 deg C	CHEM02	QA Office	0541 ✓	07/18/2017	SM4500-NO2 B

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