



Analytical Summary Report

Analysis Method: SM2310 B

Reviewed By: apatel

Parameter: Acidity

Supervisor Review By: ketankumar

Run Number: LB116553

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	WP93124
Sodium Hydroxide, 0.0200 Normal, 1L	W2851
Hydrogen Peroxide, 30% 1 gal	M4765
TEST PAPER, POT.IOD-STRCH, PK100, CS12	W2011

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	LB116553BL	LB116553BL		1	50.00	NEGATIVE	5.26	5.00	2.56	5.00	8.31	0.00	09/28/2021	14:02
2	LB116553BS	LB116553BS	-50	1	50.00	NEGATIVE	9.88	5.00	3.26	2.52	8.35	-49.60	09/28/2021	14:09
3	M3705-28	PT-ACD-WP		1	50.00	NEGATIVE	4.00	0.00	4.00	37.20	8.32	744.00	09/28/2021	14:20

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : M3705 Wet PT WorkList ID : 152141 Department : Wet-Chemistry Date : 09-10-2021 09:02:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/23/2021	Water	M3705-01	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/08/2021	7196A
09/23/2021	Water	M3705-02	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	PT-CR6-WP	09/08/2021	SM3500-Cr B
09/10/2021	Water	M3705-03	BOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/08/2021	SM5210 B
09/10/2021	Water	M3705-03	CBOD5	Cool 4 deg C	CHEM02	QA Office	PT-DEM-WP	09/08/2021	SM5210 B
09/23/2021	Water	M3705-03	COD	Conc H2SO4 to	CHEM02	QA Office	PT-DEM-WP	09/08/2021	SM5220 D
09/23/2021	Water	M3705-03	TOC	Conc H2SO4 to	CHEM02	QA Office	PT-DEM-WP	09/08/2021	SM5310B
09/10/2021	Water	M3705-37	Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/08/2021	180.1
09/15/2021	Water	M3705-31	Sulfide	1:1-HNO3 to p	CHEM02	QA Office	PT-S2-WP	09/08/2021	SM4500 S Eor
09/15/2021	Water	M3705-32	Sulfide	1:1-HNO3 to p	CHEM02	QA Office	PT-S2-WP	09/08/2021	9034
09/10/2021	Water	M3705-33	Settleable Solids	Cool 4 deg C	CHEM02	QA Office	PT-SSOL-WP	09/08/2021	SM2540 F
09/15/2021	Water	M3705-34	TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/08/2021	SM2540 G
09/15/2021	Water	M3705-35	TVS	Cool 4 deg C	CHEM02	QA Office	PT-VSOL-WP	09/08/2021	160.4
09/10/2021	Water	M3705-36	Turbidity	Cool 4 deg C	CHEM02	QA Office	PT-TURB-WP	09/08/2021	SM2130 B
09/22/2021	Water	M3705-25	Cyanide	10 N NaOH to l	CHEM02	QA Office	PT-CN-WP	09/08/2021	9014
09/23/2021	Water	M3705-26	Phenolics	Conc H2SO4 to	CHEM02	QA Office	PT-PHEN-WP	09/08/2021	9065
09/23/2021	Water	M3705-27	Phenolics	Conc H2SO4 to	CHEM02	QA Office	PT-PHEN-WP	09/08/2021	420.1
09/22/2021	Water	M3705-28	Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	09/08/2021	SM2310 B
09/22/2021	Water	M3705-29	Acidity	Cool 4 deg C	CHEM02	QA Office	PT-ACD-WP	09/08/2021	ASTM D1067-
09/10/2021	Water	M3705-30	Color	Cool 4 deg C	CHEM02	QA Office	PT-COL-WP	09/08/2021	SM2120 B
09/08/2021	Water	M3705-19	Residual Chlorine	Cool 4 deg C	CHEM02	QA Office	PT-CL-WP	09/08/2021	SM4500 Cl G
09/08/2021	Water	M3705-20	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/08/2021	SM 4500-H B
09/08/2021	Water	M3705-21	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/08/2021	9040C

Date/Time 9/10/21 9:30 A Date/Time 10/08/21 15:30
 Raw Sample Received by: AS (vol) Raw Sample Received by: AS (Lab Manager)
 Raw Sample Relinquished by: AS (Lab Manager) Raw Sample Relinquished by: AS (vol)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : M3705 Wet PT WorkList ID : 152141 Department : Wet-Chemistry Date : 09-10-2021 09:02:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/08/2021	Water	M3705-22	pH	Cool 4 deg C	CHEM02	QA Office	PT-PH-WP	09/08/2021	9041A
09/22/2021	Water	M3705-23	Cyanide	10 N NaOH to I	CHEM02	QA Office	PT-CN-WP	09/08/2021	SM4500-CN C
09/22/2021	Water	M3705-24	Cyanide	10 N NaOH to I	CHEM02	QA Office	PT-CN-WP	09/08/2021	9012B
09/23/2021	Water	M3705-13	TKN	Conc H2SO4 to	CHEM02	QA Office	PT-NUT2-WP	09/08/2021	SM4500 N Org
09/10/2021	Water	M3705-14	Nitrite	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/08/2021	SM4500-NO2
09/10/2021	Water	M3705-15	Anions Group4	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/08/2021	300.0
09/10/2021	Water	M3705-16	Anions Group5	Cool 4 deg C	CHEM02	QA Office	PT-NUT3-WP	09/08/2021	9056A
09/23/2021	Water	M3705-17	Oil and Grease	Conc H2SO4 to	CHEM02	QA Office	PT-ORG1L-WP	09/08/2021	1664A
09/23/2021	Water	M3705-18	TPH	Conc H2SO4 to	CHEM02	QA Office	RR-TPH1L-WP	09/08/2021	1664A
09/15/2021	Water	M3705-10	TSS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/08/2021	SM2540 D
09/23/2021	Water	M3705-11	Ammonia	Conc H2SO4 to	CHEM02	QA Office	PT-NUT1-WP	09/08/2021	SM4500-NH3
09/10/2021	Water	M3705-11	Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/08/2021	300.0
09/10/2021	Water	M3705-12	Anions Group2	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/08/2021	9056A
09/10/2021	Water	M3705-12	Phosphorus-Ortho	Cool 4 deg C	CHEM02	QA Office	PT-NUT1-WP	09/08/2021	SM4500-P E
09/23/2021	Water	M3705-13	Phosphorus-Total	Conc H2SO4 to	CHEM02	QA Office	PT-NUT2-WP	09/08/2021	365.3
09/23/2021	Water	M3705-06	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	9038
09/23/2021	Water	M3705-07	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/08/2021	SM2510 B
09/23/2021	Water	M3705-08	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/08/2021	120.1
09/23/2021	Water	M3705-09	Conductance	Cool 4 deg C	CHEM02	QA Office	PT-COND-WP	09/08/2021	9050A
09/15/2021	Water	M3705-10	TDS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/08/2021	SM2540 C
09/15/2021	Water	M3705-10	TS	Cool 4 deg C	CHEM02	QA Office	PT-SOL-WP	09/08/2021	SM2540 B
09/23/2021	Water	M3705-04	TOC	Conc H2SO4 to	CHEM02	QA Office	PT-DEM-WP	09/08/2021	9060A

Date/Time 9/10/21 9:30
Raw Sample Received by: AS (WCC)
Raw Sample Relinquished by: WAF (Cibb Manager)

Date/Time 10/09/21 15:30
Raw Sample Received by: WAF (Cibb Manager)
Raw Sample Relinquished by: AS (WCC)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : M3705 Wet PT WorkList ID : 152141 Department : Wet-Chemistry Date : 09-10-2021 09:02:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/22/2021	Water	M3705-05	Alkalinity	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	SM2320 B
09/10/2021	Water	M3705-05	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	300.0
09/23/2021	Water	M3705-05	Chloride	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	SM4500-CL C
09/23/2021	Water	M3705-05	Sulfate	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	SM 4500-SO4
09/10/2021	Water	M3705-06	Anions Group1	Cool 4 deg C	CHEM02	QA Office	PT-MIN1-WP	09/08/2021	9056A

M3705-14 Nitrate → pH: 5.55 using pH meter :- 'wc parameters'
 9/10/21

Date/Time 9/10/21 9:30
Raw Sample Received by: ADLW01
Raw Sample Relinquished by: WAF (Cels Munoz)

Date/Time 10/08/21 15:30
Raw Sample Received by: WAF (Cels Munoz)
Raw Sample Relinquished by: ADLW01