

Analytical Summary Report

Analysis Method: SM2310 B
Parameter: Acidity
Run Number: LB135667
Normality1 (T1): 0.02

Reviewed By: jignesh
Supervisor Review By: Iwona
Constant: 50,000
Normality2 (T2): 0.02
pH Meter ID: WC pH meter-1

Reagent/Standard	Lot/Log #
0.02N NaOH FOR ACIDITY	WP112847
Acidity LCSW -50 ppm	WP112954
Hydrogen Peroxide, 30% 1 gal	M6125
TEST PAPER, POT.IOD-STRCH, PK100, CS12	W3155
SULFURIC ACID, 0.02N, 4L	W3150

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	LB135667BL	LB135667BL		1	50.00	NEGATIVE	5.15	5.00	3.47	5.00	8.28	0.00	05/05/2025	14:30
2	LB135667BS	LB135667BS	-50	1	50.00	NEGATIVE	8.97	5.00	3.62	2.14	8.34	-57.20	05/05/2025	14:38
3	Q1944-02	CITY-WATER		1	50.00	NEGATIVE	8.14	10.00	3.37	7.46	8.31	-50.80	05/05/2025	14:45
4	Q1944-02DUP	CITY-WATERDUP		1	50.00	NEGATIVE	8.13	10.00	3.40	7.42	8.22	-51.60	05/05/2025	14:53
5	Q1944-03	CHILLER-WATER		1	10.00	NEGATIVE	9.03	60.00	3.44	60.62	8.26	62.00	05/05/2025	15:02

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : acidity-050525

WorkList ID : 189304

Department : Wet-Chemistry

Date : 05-05-2025 09:41:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1944-02	CITY-WATER	Water	Acidity	Cool 4 deg C	METE01	L41	05/01/2025	SM2310 B
Q1944-03	CHILLER-WATER	Water	Acidity	Cool 4 deg C	METE01	L41	05/01/2025	SM2310 B

Date/Time 05/05/25 12:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 05/05/25 15:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]