

Analytical Summary Report

Analysis Method: SM2310 B
Parameter: Acidity
Run Number: LB135557
Normality1 (T1): 0.02

Reviewed By: Iwona
Supervisor Review By: jignesh
Constant: 50,000
Normality2 (T2): 0.10
pH Meter ID: WC pH meter-1

Reagent/Standard	Lot/Log #
0.1N NaOH for Acidity	WP112846
0.1M Sodium thiosulfate	WP112848
Acidity-Alkalinity Stock Std(+2500PPM)	WP112844
Hydrogen Peroxide, 30% 1 gal	M6125
SULFURIC ACID, 0.02N, 4L	W3150
TEST PAPER, POT.IOD-STRCH, PK100, CS12	W3155

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	LB135557BL	LB135557BL		1	50.00	NEGATIVE	5.02	5.00	2.74	1.00	8.34	0.00	04/25/2025	12:20
2	LB135557BS	LB135557BS	2500	1	50.00	NEGATIVE	11.21	30.00	3.16	28.30	8.31	2,230.0	04/25/2025	12:25
3	Q1879-01	STEM-31-SULFURI		1	1.00	NEGATIVE	0.51	0.00	0.51	55.18	8.36	75,900.	04/25/2025	12:35
4	Q1879-02	STEM-32-NITRIC		1	1.00	POSITIVE	0.51	0.00	0.51	61.92	8.36	09,600.	04/25/2025	12:47
5	Q1879-03	STEM-46-NITRIC		1	1.00	POSITIVE	0.51	0.00	0.51	92.51	8.34	62,550.	04/25/2025	13:02
6	Q1879-04	ACID-MIXTURE-TE		1	1.00	POSITIVE	0.51	0.00	0.51	64.64	8.35	23,200.	04/25/2025	13:14

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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

WORKLIST(Hardcopy Internal Chain)

LB135557

WorkList Name : acidity-042525

WorkList ID : 189149

Department : Wet-Chemistry

Date : 04-25-2025 10:40:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1879-01	STEM-31-SULFURIC-ACID	Water	Acidity	Cool 4 deg C	METE01	L41	04/23/2025	SM2310 B
Q1879-02	STEM-32-SULFURIC-ACID	Water	Acidity	Cool 4 deg C	METE01	L41	04/24/2025	SM2310 B
Q1879-03	STEM-46-SULFURIC-ACID	Water	Acidity	Cool 4 deg C	METE01	L41	04/24/2025	SM2310 B
Q1879-04	ACID-MIXTURE-TF-CONTAINN	Water	Acidity	Cool 4 deg C	METE01	L41	04/24/2025	SM2310 B

Date/Time 04/25/25 10:40
 Raw Sample Received by: 12 (SC)
 Raw Sample Relinquished by: SP (SC)

Date/Time 04/25/25 13:20
 Raw Sample Received by: SP (SC)
 Raw Sample Relinquished by: 12 (SC)