



Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Alexander

Parameter: COD

SUPERVISOR REVIEW BY: apatel

Run Number: LB112317

Reagent/Standard	Lot/Log #
COD ICV-LCS std, 50ppm	WP88543
COD calibration std. 100 ppm	WP88540
COD calibration std. 10 ppm	WP88538
COD calibration std. 150 ppm	WP88541
COD calibration std. 50 ppm	WP88539
COD calibration std. 0 ppm	WP88537
COD CCV std, 50ppm	WP88542
COD Digestion Vials Low Level 0-150Mg/L	W2738

Temp In (C): 149	Date In: 12/11/2020	Time In: 09:35
Temp Out (C): 150	Date Out: 12/11/2020	Time Out: 11:35

Intercept: 0.1423

Slope: 1.0042

Regression: 0.9998

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	12/11/2020	12:21
2	CAL2	10	1	Water	9.000	12/11/2020	12:22
3	CAL3	50	1	Water	52.000	12/11/2020	12:22
4	CAL4	100	1	Water	101.000	12/11/2020	12:23
5	CAL5	150	1	Water	150.000	12/11/2020	12:23



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Seq	Lab ID	True Value (mg/l)	Initial Weight (g)	Final Vol (ml)	DF	MATRIX	Reading	Result	AnalDate	AnalTime
1	ICV	50			1	Water	51.000	50.645	12/11/2020	12:25
2	ICB				1	Water	0.000	-0.142	12/11/2020	12:25
3	CCV1	50			1	Water	52.000	51.641	12/11/2020	12:26
4	CCB1				1	Water	0.000	-0.142	12/11/2020	12:26
5	LB112317BL				1	Water	0.000	-0.142	12/11/2020	12:27
6	LB112317BS	50			1	Water	52.000	51.641	12/11/2020	12:28
7	L4912-01				1	Water	2.000	1.850	12/11/2020	12:28
8	L4912-01DUP				1	Water	2.000	1.850	12/11/2020	12:29
9	L4912-01MS	50			1	Water	49.000	48.653	12/11/2020	12:30
10	L4912-01MSD	50			1	Water	48.000	47.658	12/11/2020	12:30
11	L5002-01				1	Water	5.000	4.837	12/11/2020	12:31
12	L5002-02				5	Water	32.000	31.724	12/11/2020	12:31
13	L5002-03				5	Water	118.000	117.365	12/11/2020	12:32
14	L5002-04				5	Water	35.000	34.712	12/11/2020	12:32
15	CCV2	50			1	Water	51.000	50.645	12/11/2020	12:33
16	CCB2				1	Water	0.000	-0.142	12/11/2020	12:33

LB112317
 WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-121020 WorkList ID : 144822 Department : Wet-Chemistry Date : 12-10-2020 14:57:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/14/2020	Water	L4912-01 B	COD	Conc H2SO4 1c	PENN11	J23	OF-005	11/30/2020	SM5220 D
12/22/2020	Water	L5002-01 B	COD	Conc H2SO4 1c	PENN11	L23	OF-005	12/04/2020	SM5220 D
12/22/2020	Water	L5002-02 B	COD	Conc H2SO4 1c	PENN11	L23	OF-006	12/04/2020	SM5220 D
12/22/2020	Water	L5002-03 B	COD	Conc H2SO4 1c	PENN11	L23	OF-007	12/04/2020	SM5220 D
12/22/2020	Water	L5002-04 B	COD	Conc H2SO4 1c	PENN11	L23	OF-008	12/04/2020	SM5220 D

Date/Time 12/11/2020 9:05
 Received by: AM(wet-chem)
 Relinquished by: CP SM

Date/Time 12/11/2020 9:40
 Received by: CP SM
 Relinquished by: AM(wet-chem)