

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Niha

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132140

Reagent/Standard	Lot/Log #
COD ICV-LCS std, 50ppm	WP108671
COD calibration std. 100 ppm	WP108668
COD calibration std. 10 ppm	WP108666
COD calibration std. 150 ppm	WP108669
COD calibration std. 50 ppm	WP108667
COD calibration std. 0 ppm	WP108665
COD ICV-LCS std, 50ppm	WP109377
COD CCV std, 50ppm	WP109376
COD LOD std, 5ppm	WP109378
COD Digestion Vials Low Level 0-150Mg/L	W3122

Temp In (C): <u>148</u>	Date In: <u>08/23/2024</u>	Time In: <u>09:00</u>
Temp Out (C): <u>150</u>	Date Out: <u>08/23/2024</u>	Time Out: <u>11:00</u>

Intercept: -0.1322

Slope: 1.0183

Regression: 1

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	0.13		07/09/2024	14:20
2	CAL2	10	1	Water	10.000	9.95	-0.5	07/09/2024	14:20
3	CAL3	50	1	Water	51.000	50.213	0.4	07/09/2024	14:21
4	CAL4	100	1	Water	101.000	99.315	-0.7	07/09/2024	14:21
5	CAL5	150	1	Water	153.000	150.38	0.3	07/09/2024	14:22

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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	NA	NA	1	Water	50.000	49.231	07/09/2024	14:22
2	ICB		NA	NA	1	Water	0.000	0.130	07/09/2024	14:23
3	CCV1	50	NA	NA	1	Water	50.000	49.231	08/23/2024	14:00
4	CCB1		NA	NA	1	Water	0.000	0.130	08/23/2024	14:00
5	LB132140BL		NA	NA	1	Water	0.000	0.130	08/23/2024	14:01
6	LB132140BS	50	NA	NA	1	Water	51.000	50.213	08/23/2024	14:01
7	P3390-09		NA	NA	1	Water	4.824	4.867	08/23/2024	14:02
8	P3591-02		NA	NA	50	Water	90.000	88.512	08/23/2024	14:02
9	P3608-06		NA	NA	50	Water	125.000	122.883	08/23/2024	14:03
10	P3622-01		NA	NA	1	Water	130.000	127.794	08/23/2024	14:03
11	P3635-06		NA	NA	50	Water	100.000	98.333	08/23/2024	14:04
12	P3667-06		NA	NA	50	Water	148.000	145.470	08/23/2024	14:04
13	P3680-06		NA	NA	50	Water	105.000	103.243	08/23/2024	14:05
14	P3680-06DUP		NA	NA	50	Water	105.000	103.243	08/23/2024	14:05
15	CCV2	50	NA	NA	1	Water	51.000	50.213	08/23/2024	14:06
16	CCB2		NA	NA	1	Water	0.000	0.130	08/23/2024	14:06
17	P3680-06MS	50	NA	NA	50	Water	105.000	103.243	08/23/2024	14:07
18	P3680-06MSD	50	NA	NA	50	Water	105.000	103.243	08/23/2024	14:07
19	CCV3	50	NA	NA	1	Water	50.000	49.231	08/23/2024	14:08
20	CCB3		NA	NA	1	Water	0.000	0.130	08/23/2024	14:08

LB132140

WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-08152024 WorkList ID : 182684 Department : Wet-Chemistry Date : 08-15-2024 09:35:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3608-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	D21	08/14/2024	SM5220 D
P3635-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	G22	08/15/2024	SM5220 D
P3667-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	G11	08/19/2024	SM5220 D
P3680-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	G11	08/20/2024	SM5220 D
P3390-09	MDL-WATER-03-QT3-2024	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA OI	07/29/2024	SM5220 D
P3622-01	028-OUTFALL	Water	COD	Conc H2SO4 to pH < 2	MINO01	G21	08/13/2024	SM5220 D
P3591-02	PILOT-PLANT	Water	COD	Conc H2SO4 to pH < 2	SCIE01	D21	08/13/2024	SM5220 D

Date/Time 08.23.2024 , 08:30
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: JH

Date/Time 08.23.2024 , 10:00
Raw Sample Received by: Mac
Raw Sample Relinquished by: NF(wc)