

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: rubina

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131980

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 CCV std, 50ppm	WP109175
COD LOD std, 5ppm	WP109172
COD LOQ std, 10.0PPM	WP109173
COD Digestion Vials Low Level 0-150Mg/L	W3122

Temp In (C): <u>148</u>	Date In: <u>08/13/2024</u>	Time In: <u>10:30</u>
Temp Out (C): <u>151</u>	Date Out: <u>08/13/2024</u>	Time Out: <u>12:30</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	51.000	50.213	08/13/2024	14:10
4	CCB1		NA	NA	1	Water	1.000	1.112	08/13/2024	14:10
5	LB131980BL		NA	NA	1	Water	1.000	1.112	08/13/2024	14:11
6	LB131980BS	50	NA	NA	1	Water	50.000	49.231	08/13/2024	14:11
7	P3390-07		NA	NA	1	Water	5.000	5.040	08/13/2024	14:12
8	P3390-08		NA	NA	1	Water	11.000	10.932	08/13/2024	14:12
9	P3510-01		NA	NA	1	Water	61.000	60.034	08/13/2024	14:13
10	P3510-03		NA	NA	1	Water	101.000	99.315	08/13/2024	14:13
11	P3510-04		NA	NA	1	Water	71.000	69.854	08/13/2024	14:14
12	P3510-05		NA	NA	1	Water	35.000	34.501	08/13/2024	14:14
13	P3510-05DUP		NA	NA	1	Water	35.000	34.501	08/13/2024	14:15
14	P3510-05MS	50	NA	NA	1	Water	76.000	74.764	08/13/2024	14:15
15	CCV2	50	NA	NA	1	Water	50.000	49.231	08/13/2024	14:16
16	CCB2		NA	NA	1	Water	1.000	1.112	08/13/2024	14:16
17	P3510-05MSD	50	NA	NA	1	Water	77.000	75.746	08/13/2024	14:17
18	P3536-04		NA	NA	1	Water	56.000	55.123	08/13/2024	14:17
19	CCV3	50	NA	NA	1	Water	50.000	49.231	08/13/2024	14:18
20	CCB3		NA	NA	1	Water	0.000	0.130	08/13/2024	14:18

WORKLIST(Hardcopy Internal Chain)

LB131980

WorkList Name : COD-08082024

WorkList ID : 182473

Department : Wet-Chemistry

Date : 08-08-2024 16:35:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-07	LOD-MDL-WATER-01-QT3-202	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA Of	07/29/2024	SM5220 D
P3390-08	LOQ-WATER-02-QT3-2024	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA Of	07/29/2024	SM5220 D
P3510-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D21	08/07/2024	SM5220 D
P3510-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D21	08/07/2024	SM5220 D
P3510-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D21	08/07/2024	SM5220 D
P3510-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D21	08/07/2024	SM5220 D
P3536-04	MANHOLE	Water	COD	Conc H2SO4 to pH < 2	SPEC01	D21	08/08/2024	SM5220 D

Date/Time 08/13/24 10:00
 Raw Sample Received by: R14 (wv)
 Raw Sample Relinquished by: R14 (wv)

Date/Time 08/13/24 10:35
 Raw Sample Received by: R14 (wv)
 Raw Sample Relinquished by: R14 (wv)