

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB132924

Reagent/Standard	Lot/Log #
COD ICV-LCS std, 50ppm	WP110202
COD calibration std. 100 ppm	WP110199
COD calibration std. 10 ppm	WP110197
COD calibration std. 150 ppm	WP110200
COD calibration std. 50 ppm	WP110198
COD calibration std. 0 ppm	WP110196
COD CCV std, 50ppm	WP110201
COD LOD std, 5ppm	WP110203
COD LOQ std, 10.0PPM	WP110204
COD Digestion Vials Low Level 0-150Mg/L	W3123

Temp In (C): <u>148</u>	Date In: <u>10/14/2024</u>	Time In: <u>09:05</u>
Temp Out (C): <u>151</u>	Date Out: <u>10/14/2024</u>	Time Out: <u>11:05</u>

Intercept: -0.0642

Slope: 0.9946

Regression: 0.9998

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	0.065		10/14/2024	13:10
2	CAL2	10	1	Water	9.000	9.113	-8.9	10/14/2024	13:10
3	CAL3	50	1	Water	50.000	50.336	0.7	10/14/2024	13:11
4	CAL4	100	1	Water	101.000	101.613	1.6	10/14/2024	13:11
5	CAL5	150	1	Water	148.000	148.868	-0.8	10/14/2024	13:12



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Run Number: LB132924

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	51.000	51.341	10/14/2024	13:12
2	ICB		NA	NA	1	Water	0.000	0.065	10/14/2024	13:13
3	CCV1	50	NA	NA	1	Water	51.000	51.341	10/14/2024	13:13
4	CCB1		NA	NA	1	Water	1.000	1.070	10/14/2024	13:14
5	LB132924BL		NA	NA	1	Water	1.000	1.070	10/14/2024	13:14
6	LB132924BS	50	NA	NA	1	Water	51.000	51.341	10/14/2024	13:15
7	P4368-07		NA	NA	1	Water	5.000	5.092	10/14/2024	13:15
8	P4368-08		NA	NA	1	Water	9.000	9.113	10/14/2024	13:16
9	P4386-01		NA	NA	1	Water	83.000	83.515	10/14/2024	13:16
10	P4386-01DUP		NA	NA	1	Water	81.000	81.504	10/14/2024	13:17
11	P4386-01MS	50	NA	NA	1	Water	128.000	128.760	10/14/2024	13:17
12	P4386-01MSD	50	NA	NA	1	Water	127.000	127.754	10/14/2024	13:18
13	P4386-02		NA	NA	1	Water	74.000	74.466	10/14/2024	13:18
14	P4386-03		NA	NA	1	Water	59.000	59.385	10/14/2024	13:19
15	CCV2	50	NA	NA	1	Water	51.000	51.341	10/14/2024	13:19
16	CCB2		NA	NA	1	Water	1.000	1.070	10/14/2024	13:20
17	P4386-04		NA	NA	1	Water	28.000	28.217	10/14/2024	13:20
18	P4396-01		NA	NA	1	Water	35.000	35.255	10/14/2024	13:21
19	CCV3	50	NA	NA	1	Water	51.000	51.341	10/14/2024	13:21
20	CCB3		NA	NA	1	Water	1.000	1.070	10/14/2024	13:22

LB132924

WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-101424

WorkList ID : 184401

Department : Wet-Chemistry

Date : 10-14-2024 08:37:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4388-07	LOD-MDL-WATER-01-QT4-202	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA Of	10/09/2024	SM5220 D
P4388-08	LOQ-WATER-02-QT4-2024	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA Of	10/09/2024	SM5220 D
P4386-01	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K31	10/10/2024	SM5220 D
P4386-02	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K31	10/10/2024	SM5220 D
P4386-03	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K31	10/10/2024	SM5220 D
P4386-04	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K31	10/10/2024	SM5220 D
P4396-01	WASTE-WATER-FRAC-TANK	Water	COD	Conc H2SO4 to pH < 2	PSEG03	K32	10/11/2024	SM5220 D

Date/Time

10/14/24 08:40

Raw Sample Received by:

12(507)

Raw Sample Relinquished by:

78(600)

Date/Time

10/14/24 09:35

Raw Sample Received by:

78(600)

Raw Sample Relinquished by:

12(507)