

Analytical Summary Report

Analysis Method: SM5220 D
 Parameter: COD
 Run Number: LB133431

ANALYST: Niha
 SUPERVISOR REVIEW BY: Iwona

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 Digestion Vials Low Level 0-150Mg/L	W3124
COD ICV-LCS std, 50ppm	WP110658
COD CCV std, 50ppm	WP110657

Temp In (C): <u>148</u>	Date In: <u>11/13/2024</u>	Time In: <u>09:00</u>
Temp Out (C): <u>150</u>	Date Out: <u>11/13/2024</u>	Time Out: <u>11:00</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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Parameter: COD

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Run Number: LB133431

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	48.000	48.325	11/13/2024	14:00
4	CCB1		NA	NA	1	Water	0.000	0.065	11/13/2024	14:00
5	LB133431BL		NA	NA	1	Water	0.000	0.065	11/13/2024	14:01
6	LB133431BS	50	NA	NA	1	Water	50.000	50.336	11/13/2024	14:01
7	P4765-01		NA	NA	1	Water	40.000	40.282	11/13/2024	14:02
8	P4765-03		NA	NA	1	Water	82.000	82.510	11/13/2024	14:02
9	P4765-03DUP		NA	NA	1	Water	80.000	80.499	11/13/2024	14:03
10	P4765-03MS	50	NA	NA	1	Water	126.000	126.749	11/13/2024	14:03
11	P4765-03MSD	50	NA	NA	1	Water	128.000	128.760	11/13/2024	14:04
12	P4765-04		NA	NA	1	Water	60.000	60.390	11/13/2024	14:04
13	P4765-05		NA	NA	1	Water	36.000	36.260	11/13/2024	14:05
14	P4791-02		NA	NA	50	Water	64.000	64.412	11/13/2024	14:05
15	CCV2	50	NA	NA	1	Water	50.000	50.336	11/13/2024	14:06
16	CCB2		NA	NA	1	Water	0.000	0.065	11/13/2024	14:06
17	P4792-04		NA	NA	50	Water	88.000	88.542	11/13/2024	14:07
18	CCV3	50	NA	NA	1	Water	48.000	48.325	11/13/2024	14:07
19	CCB3		NA	NA	1	Water	0.000	0.065	11/13/2024	14:08

WORKLIST(Hardcopy Internal Chain)

LB133431

WorkList Name : COD-11082024

WorkList ID : 185246

Department : Wet-Chemistry

Date : 11-08-2024 08:29:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4791-02	HINCHMAN-OILY-WATER	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L23	11/08/2024	SM5220 D
P4792-04	MANHOLE-WASTE-DRUM	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L21	11/08/2024	SM5220 D
P4765-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	L23	11/07/2024	SM5220 D
P4765-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	L23	11/07/2024	SM5220 D
P4765-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	L23	11/07/2024	SM5220 D
P4765-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	L23	11/07/2024	SM5220 D

Date/Time 11.13.2024, 08:45
 Raw Sample Received by: NFLWC
 Raw Sample Relinquished by: MLW001

Date/Time 11.13.2024, 09:45
 Raw Sample Received by: NGW001
 Raw Sample Relinquished by: NFLWC