

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Niha

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134365

Reagent/Standard	Lot/Log #
COD Digestion Vials Low Level 0-150Mg/L	W3125
COD ICV-LCS std, 50ppm	WP111522
COD calibration std. 100 ppm	WP111519
COD calibration std. 10 ppm	WP111517
COD calibration std. 150 ppm	WP111520
COD calibration std. 50 ppm	WP111518
COD calibration std. 0 ppm	WP111516
COD CCV std, 50ppm	WP111521

Temp In (C): <u>148</u>	Date In: <u>01/22/2025</u>	Time In: <u>09:15</u>
Temp Out (C): <u>150</u>	Date Out: <u>01/22/2025</u>	Time Out: <u>11:15</u>

Intercept: 0.1675

Slope: 1.0102

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	-0.166		01/22/2025	13:30
2	CAL2	10	1	Water	11.000	10.723	7.2	01/22/2025	13:30
3	CAL3	50	1	Water	50.000	49.329	-1.3	01/22/2025	13:31
4	CAL4	100	1	Water	101.000	99.814	-0.2	01/22/2025	13:31
5	CAL5	150	1	Water	152.000	150.299	0.2	01/22/2025	13:32

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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	49.329	01/22/2025	13:32
2	ICB		NA	NA	1	Water	0.000	-0.166	01/22/2025	13:33
3	CCV1	50	NA	NA	1	Water	51.000	50.319	01/22/2025	13:33
4	CCB1		NA	NA	1	Water	0.000	-0.166	01/22/2025	13:34
5	LB134365BL		NA	NA	1	Water	0.000	-0.166	01/22/2025	13:34
6	LB134365BS	50	NA	NA	1	Water	51.000	50.319	01/22/2025	13:35
7	Q1113-01		NA	NA	1	Water	55.000	54.279	01/22/2025	13:35
8	Q1113-01DUP		NA	NA	1	Water	56.000	55.269	01/22/2025	13:36
9	Q1113-01MS	50	NA	NA	1	Water	103.000	101.794	01/22/2025	13:36
10	Q1113-01MSD	50	NA	NA	1	Water	102.000	100.804	01/22/2025	13:37
11	Q1113-03		NA	NA	1	Water	74.000	73.087	01/22/2025	13:37
12	Q1113-04		NA	NA	1	Water	63.000	62.198	01/22/2025	13:38
13	Q1113-05		NA	NA	1	Water	26.000	25.572	01/22/2025	13:38
14	Q1120-01		NA	NA	1	Water	2.000	1.814	01/22/2025	13:39
15	CCV2	50	NA	NA	1	Water	50.000	49.329	01/22/2025	13:39
16	CCB2		NA	NA	1	Water	0.000	-0.166	01/22/2025	13:40
17	Q1140-01		NA	NA	1	Water	128.000	126.542	01/22/2025	13:40
18	CCV3	50	NA	NA	1	Water	50.000	49.329	01/22/2025	13:41
19	CCB3		NA	NA	1	Water	0.000	-0.166	01/22/2025	13:41

WORKLIST(Hardcopy Internal Chain)

LB134365

WorkList Name : COD-01212025

WorkList ID : 187034

Department : Wet-Chemistry

Date : 01-21-2025 09:11:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1113-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	M11	01/16/2025	SM5220 D
Q1113-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	M11	01/16/2025	SM5220 D
Q1113-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	M11	01/16/2025	SM5220 D
Q1113-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	M11	01/16/2025	SM5220 D
Q1120-01	RW10A-20250116	Water	COD		TETR06	M11	01/16/2025	SM5220 D
Q1140-01	FRAC-TANK-F06078	Water	COD	Conc H2SO4 to pH < 2	PSEG03	E11	01/21/2025	SM5220 D

Date/Time 01.22.2025, 08:50

Raw Sample Received by: NFWC

Raw Sample Relinquished by: MCEL C

Date/Time

01.22.2025, 11:00

Raw Sample Received by:

MCEL C

Raw Sample Relinquished by:

NFWC