

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135883

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP113144
COD calibration std. 100 ppm	WP113143
COD calibration std. 50 ppm	WP113141
COD calibration std. 10 ppm	WP113140
COD calibration std. 0 ppm	WP113139
COD CCV std, 50ppm	WP113145
COD ICV-LCS std, 50ppm	WP113146
COD Digestion Vials Low Level 0-150Mg/L	W3128

Temp In (C): 149	Date In: 05/22/2025	Time In: 09:30
Temp Out (C): 151	Date Out: 05/22/2025	Time Out: 11:30

Intercept: -0.9358

Slope: 1.0054

Regression: 0.9995

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	0.931		05/20/2025	12:50
2	CAL2	10	1	Water	10.000	10.877	8.8	05/20/2025	12:50
3	CAL3	50	1	Water	48.000	48.673	-2.7	05/20/2025	12:51
4	CAL4	100	1	Water	97.000	97.41	-2.6	05/20/2025	10:51
5	CAL5	150	1	Water	152.000	152.114	1.4	05/20/2025	12:52

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Run Number: LB135883

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	49.000	49.668	05/20/2025	12:53
2	ICB		NA	NA	1	Water	0.000	0.931	05/20/2025	12:53
3	CCV1	50	NA	NA	1	Water	51.000	51.657	05/22/2025	13:10
4	CCB1		NA	NA	1	Water	1.000	1.925	05/22/2025	13:10
5	LB135883BL		NA	NA	1	Water	0.000	0.931	05/22/2025	13:11
6	LB135883BS	50	NA	NA	1	Water	50.000	50.662	05/22/2025	13:11
7	Q2088-01		NA	NA	1	Water	78.000	78.512	05/22/2025	13:12
8	Q2093-14		NA	NA	1	Water	9.000	9.882	05/22/2025	13:12
9	Q2093-14DUP		NA	NA	1	Water	8.000	8.888	05/22/2025	13:13
10	Q2093-14MS	50	NA	NA	1	Water	56.000	56.630	05/22/2025	13:13
11	Q2093-14MSD	50	NA	NA	1	Water	57.000	57.625	05/22/2025	13:14
12	Q2098-01		NA	NA	1	Water	68.000	68.566	05/22/2025	13:14
13	Q2098-04		NA	NA	5	Water	94.000	94.426	05/22/2025	13:15
14	Q2102-03		NA	NA	5	Water	48.000	48.673	05/22/2025	13:15
15	CCV2	50	NA	NA	1	Water	51.000	51.657	05/22/2025	13:16
16	CCB2		NA	NA	1	Water	1.000	1.925	05/22/2025	13:16

WORKLIST(Hardcopy Internal Chain)

LB155883

WorkList Name : COD-052125

WorkList ID : 189673

Department : Wet-Chemistry

Date : 05-21-2025 10:14:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2088-01	252820	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L31	05/20/2025	SM5220 D
Q2093-14	WATER-COMP	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L41	05/20/2025	SM5220 D
Q2098-01	OUTFALL-DSN-001	Water	COD	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	SM5220 D
Q2098-04	OUTFALL-DSN-002	Water	COD	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	SM5220 D
Q2102-03	LAW-25-0078	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L21	05/21/2025	SM5220 D

Date/Time 05/22/25 09:05
Raw Sample Received by: 12(20)
Raw Sample Relinquished by: 20(20)

Date/Time 05/22/25 09:53
Raw Sample Received by: 20(20)
Raw Sample Relinquished by: 12(20)