

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137820

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP114659
COD calibration std. 100 ppm	WP114658
COD calibration std. 50 ppm	WP114656
COD calibration std. 10 ppm	WP114655
COD calibration std. 0 ppm	WP114654
COD ICV-LCS std, 50ppm	WP114661
COD calibration std. 75 ppm	WP114657
COD Digestion Vials Low Level 0-150Mg/L	W3230
COD CCV std, 50ppm	WP115438
COD ICV-LCS std, 50ppm	WP115439
COD LOD std, 5ppm	WP115436
RL CHECK	WP115440

Temp In (C): <u>148</u>	Date In: <u>11/07/2025</u>	Time In: <u>10:00</u>
Temp Out (C): <u>151</u>	Date Out: <u>11/07/2025</u>	Time Out: <u>12:00</u>

Intercept: 0.3943

Slope: 0.9887

Regression: 0.9996

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	-0.399		09/08/2025	13:30
2	CAL2	10	1	Water	9.000	8.704	-13	09/08/2025	13:30
3	CAL3	50	1	Water	51.000	51.184	2.4	09/08/2025	13:31
4	CAL4	75	1	Water	77.000	77.481	3.3	09/08/2025	13:31
5	CAL5	100	1	Water	98.000	98.721	-1.3	09/08/2025	13:32
6	CAL6	150	1	Water	148.000	149.293	-0.5	09/08/2025	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	50.173	09/08/2025	13:33
2	ICB		NA	NA	1	Water	1.000	0.613	09/08/2025	13:33
3	CCV1	50	NA	NA	1	Water	51.000	51.184	11/07/2025	13:05
4	CCB1		NA	NA	1	Water	1.000	0.613	11/07/2025	13:05
5	RL Check	10	NA	NA	1	Water	7.000	6.681	11/07/2025	13:06
6	LB137820BL		NA	NA	1	Water	1.000	0.613	11/07/2025	13:06
7	LB137820BS	50	NA	NA	1	Water	52.000	52.196	11/07/2025	13:07
8	Q3530-09		NA	NA	1	Water	5.000	4.658	11/07/2025	13:07
9	Q3534-01		NA	NA	1	Water	90.000	90.630	11/07/2025	13:08
10	Q3534-02		NA	NA	1	Water	112.000	112.881	11/07/2025	13:08
11	Q3534-03		NA	NA	1	Water	86.000	86.584	11/07/2025	13:09
12	Q3534-04		NA	NA	1	Water	71.000	71.413	11/07/2025	13:09
13	Q3534-05		NA	NA	1	Water	139.000	140.190	11/07/2025	13:10
14	Q3534-06		NA	NA	1	Water	60.000	60.287	11/07/2025	13:10
15	Q3534-07		NA	NA	1	Water	97.000	97.710	11/07/2025	13:11
16	CCV2	50	NA	NA	1	Water	51.000	51.184	11/07/2025	13:11
17	CCB2		NA	NA	1	Water	0.000	-0.399	11/07/2025	13:12
18	Q3537-03		NA	NA	1	Water	0.000	-0.399	11/07/2025	13:12
19	Q3541-01		NA	NA	1	Water	12.000	11.738	11/07/2025	13:13
20	Q3541-01DUP		NA	NA	1	Water	12.000	11.738	11/07/2025	13:13
21	Q3541-01MS	50	NA	NA	1	Water	60.000	60.287	11/07/2025	13:14
22	Q3541-01MSD	50	NA	NA	1	Water	59.000	59.276	11/07/2025	13:14
23	CCV3	50	NA	NA	1	Water	50.000	50.173	11/07/2025	13:15
24	CCB3		NA	NA	1	Water	1.000	0.613	11/07/2025	13:15

WORKLIST(Hardcopy Internal Chain)

LB137820

WorkList Name : COD-110525 WorkList ID : 192898 Department : Wet-Chemistry Date : 11-05-2025 09:02:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-09	MDL-WATER-03-QT4-2025	Water	COD	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	SM5220 D
Q3534-01	MW-6	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	SM5220 D
Q3534-02	MW-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	SM5220 D
Q3534-03	MW-11	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	SM5220 D
Q3534-04	MW-5	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	SM5220 D
Q3534-05	MW-EB-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/04/2025	SM5220 D
Q3534-06	MW-EB-2	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/03/2025	SM5220 D
Q3534-07	MW-EB-3	Water	COD	Conc H2SO4 to pH < 2	REMI02	D31	11/04/2025	SM5220 D
Q3537-03	MW-17-PURGE-WATER	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D41	11/04/2025	SM5220 D
Q3541-01	N48969	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D41	11/04/2025	SM5220 D

Date/Time 11/07/25 09:40
 Raw Sample Received by: 12 (WC)
 Raw Sample Relinquished by: 28 (WC)

Date/Time 11/07/25 10:25
 Raw Sample Received by: 28 (WC)
 Raw Sample Relinquished by: 12 (WC)