

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137422

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 CCV std, 50ppm	WP114941
COD ICV-LCS std, 50ppm	WP114942
RL CHECK	WP114943
COD Digestion Vials Low Level 0-150Mg/L	W3230

Temp In(C): 148	Date In: 10/03/2025	Time In: 10:55
Temp Out(C): 150	Date Out: 10/03/2025	Time Out: 12:55

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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Run Number: LB137422

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	49.000	49.161	10/03/2025	14:15
4	CCB1		NA	NA	1	Water	1.000	0.613	10/03/2025	14:15
5	RL Check	10	NA	NA	1	Water	7.000	6.681	10/03/2025	14:16
6	LB137422BL		NA	NA	1	Water	0.000	-0.399	10/03/2025	14:16
7	LB137422BS	50	NA	NA	1	Water	51.000	51.184	10/03/2025	14:17
8	Q3217-01		NA	NA	5	Water	36.000	36.013	10/03/2025	14:17
9	Q3218-01		NA	NA	10	Water	26.000	25.898	10/03/2025	14:18
10	Q3218-02		NA	NA	1	Water	69.000	69.390	10/03/2025	14:18
11	Q3218-03		NA	NA	5	Water	37.000	37.024	10/03/2025	14:19
12	Q3219-01		NA	NA	1	Water	30.000	29.944	10/03/2025	14:19
13	Q3219-02		NA	NA	1	Water	20.000	19.830	10/03/2025	14:20
14	Q3219-03		NA	NA	1	Water	19.000	18.818	10/03/2025	14:21
15	Q3227-01		NA	NA	1	Water	41.000	41.070	10/03/2025	14:21
16	CCV2	50	NA	NA	1	Water	48.000	48.150	10/03/2025	14:22
17	CCB2		NA	NA	1	Water	1.000	0.613	10/03/2025	14:22
18	Q3263-01		NA	NA	1	Water	1.000	0.613	10/03/2025	14:23
19	Q3263-02		NA	NA	1	Water	1.000	0.613	10/03/2025	14:23
20	Q3263-02DUP		NA	NA	1	Water	1.000	0.613	10/03/2025	14:24
21	Q3263-02MS	50	NA	NA	1	Water	48.000	48.150	10/03/2025	14:24
22	Q3263-02MSD	50	NA	NA	1	Water	47.000	47.138	10/03/2025	14:25
23	CCV3	50	NA	NA	1	Water	50.000	50.173	10/03/2025	14:25
24	CCB3		NA	NA	1	Water	1.000	0.613	10/03/2025	14:26

WORKLIST(Hardcopy Internal Chain)

LB137422

WorkList Name : COD-100325

WorkList ID : 192281

Department : Wet-Chemistry

Date : 10-03-2025 09:59:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3217-01	Outfall 1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J42	09/25/2025	SM5220 D
Q3218-01	Outfall 1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J33	09/25/2025	SM5220 D
Q3218-02	Outfall 2	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J33	09/25/2025	SM5220 D
Q3218-03	Outfall 3	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J33	09/25/2025	SM5220 D
Q3219-01	Outfall 001	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J32	09/25/2025	SM5220 D
Q3219-02	Outfall 002	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J32	09/25/2025	SM5220 D
Q3219-03	Outfall 003	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J32	09/25/2025	SM5220 D
Q3227-01	Outfall 001	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J22	09/25/2025	SM5220 D
Q3263-01	251818	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM5220 D
Q3263-02	266380	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D31	10/01/2025	SM5220 D

Date/Time

10/03/25 10:15

Raw Sample Received by:

12(20)

Raw Sample Relinquished by:

206007

Date/Time

10/03/25

Raw Sample Received by:

11:20

Raw Sample Relinquished by:

12(20)