

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137109

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 CCV std, 50ppm	WP114660
COD ICV-LCS std, 50ppm	WP114661
COD LOD std, 5ppm	WP114663
COD calibration std. 75 ppm	WP114657
RL CHECK	WP114662
COD Digestion Vials Low Level 0-150Mg/L	W3229

Temp In(C): 148	Date In: 09/08/2025	Time In: 10:05
Temp Out(C): 151	Date Out: 09/08/2025	Time Out: 12:05

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	48.000	48.150	09/08/2025	13:34
4	CCB1		NA	NA	1	Water	0.000	-0.399	09/08/2025	13:34
5	RL Check	10	NA	NA	1	Water	10.000	9.715	09/08/2025	13:35
6	LB137109BL		NA	NA	1	Water	1.000	0.613	09/08/2025	13:35
7	LB137109BS	50	NA	NA	1	Water	51.000	51.184	09/08/2025	13:36
8	Q2893-09		NA	NA	1	Water	5.000	4.658	09/08/2025	13:36
9	Q3020-01		NA	NA	1	Water	61.000	61.298	09/08/2025	13:37
10	Q3020-01DUP		NA	NA	1	Water	60.000	60.287	09/08/2025	13:37
11	Q3020-01MS	50	NA	NA	1	Water	105.000	105.801	09/08/2025	13:38
12	Q3020-01MSD	50	NA	NA	1	Water	106.000	106.813	09/08/2025	13:38
13	Q3022-01		NA	NA	1	Water	35.000	35.001	09/08/2025	13:39
14	Q3025-01		NA	NA	1	Water	43.000	43.093	09/08/2025	13:39
15	Q3025-03		NA	NA	1	Water	81.000	81.527	09/08/2025	13:40
16	CCV2	50	NA	NA	1	Water	51.000	51.184	09/08/2025	13:40
17	CCB2		NA	NA	1	Water	0.000	-0.399	09/08/2025	13:41
18	Q3025-04		NA	NA	1	Water	77.000	77.481	09/08/2025	13:41
19	Q3025-05		NA	NA	1	Water	27.000	26.910	09/08/2025	13:42
20	CCV3	50	NA	NA	1	Water	50.000	50.173	09/08/2025	13:42
21	CCB3		NA	NA	1	Water	1.000	0.613	09/08/2025	13:43

WORKLIST(Hardcopy Internal Chain)

LB 137109

WorkList Name : COD-090825 WorkList ID : 191732 Department : Wet-Chemistry Date : 09-08-2025 09:22:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-09	MDL-WATER-03-QT3-2025	Water	COD	NONE	ALLI03	QA Of	08/18/2025	SM5220 D
Q3020-01	WATER-TREATMENT DISCHAI	Water	COD	Conc H2SO4 to pH < 2	VERI01	J11	09/04/2025	SM5220 D
Q3022-01	1413	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D31	09/04/2025	SM5220 D
Q3025-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	09/04/2025	SM5220 D
Q3025-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	09/04/2025	SM5220 D
Q3025-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	09/04/2025	SM5220 D
Q3025-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	09/04/2025	SM5220 D

Date/Time 09/08/25 09:30
Raw Sample Received by: 12 (sc)
Raw Sample Relinquished by: 20 (sc)

Date/Time 09/08/25 10:20
Raw Sample Received by: 20 (sc)
Raw Sample Relinquished by: 12 (sc)