Reviewed By:Iwona
On:11/4/2025 2:35:34 PM
Inst Id :SPECTROPHOTOME

Analytical Summary Report

Analysis Method: SM5220 D
ANALYST: Eman
Parameter: COD
SUPERVISOR REVIEW BY: Iwona
Run Number: LB137760

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 LOQ std, 10.0PPM	WP115437
COD CCV std, 50ppm	WP115438
COD ICV-LCS std, 50ppm	WP115439
COD LOD std, 5ppm	WP115436
RL CHECK	WP115440

Temp In(C): 149	**Date In:** 11/04/2025	**Time In:** 09:15
Temp Out(C): 152	**Date Out:** 11/04/2025	**Time Out:** 11:15

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: LB137760

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	11/04/2025	13:00
4	CCB1		NA	NA	1	Water	0.000	-0.399	11/04/2025	13:00
5	RL Check	10	NA	NA	1	Water	9.000	8.704	11/04/2025	13:01
6	LB137760BL		NA	NA	1	Water	0.000	-0.399	11/04/2025	13:01
7	LB137760BS	50	NA	NA	1	Water	49.000	49.161	11/04/2025	13:02
8	Q3507-01		NA	NA	1	Water	20.000	19.830	11/04/2025	13:02
9	Q3507-01DUP		NA	NA	1	Water	20.000	19.830	11/04/2025	13:03
10	Q3507-01MS	50	NA	NA	1	Water	61.000	61.298	11/04/2025	13:03
11	Q3507-01MSD	50	NA	NA	1	Water	63.000	63.321	11/04/2025	13:04
12	Q3508-01		NA	NA	1	Water	23.000	22.864	11/04/2025	13:04
13	Q3509-01		NA	NA	1	Water	39.000	39.047	11/04/2025	13:05
14	Q3509-03		NA	NA	1	Water	38.000	38.036	11/04/2025	13:05
15	Q3510-01		NA	NA	1	Water	61.000	61.298	11/04/2025	13:06
16	CCV2	50	NA	NA	1	Water	49.000	49.161	11/04/2025	13:06
17	CCB2		NA	NA	1	Water	1.000	0.613	11/04/2025	13:07
18	Q3511-01		NA	NA	1	Water	3.000	2.635	11/04/2025	13:07
19	Q3511-02		NA	NA	1	Water	24.000	23.875	11/04/2025	13:08
20	Q3528-01		NA	NA	1	Water	60.000	60.287	11/04/2025	13:08
21	Q3529-01		NA	NA	20	Water	66.000	66.356	11/04/2025	13:09
22	Q3530-07		NA	NA	1	Water	4.000	3.647	11/04/2025	13:09
23	Q3530-08		NA	NA	1	Water	10.000	9.715	11/04/2025	13:10
24	CCV3	50	NA	NA	1	Water	50.000	50.173	11/04/2025	13:10
25	CCB3		NA	NA	1	Water	0.000	-0.399	11/04/2025	13:11

161377 60

WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-110425 **WorkList ID :** 192863 **Department :** Wet-Chemistry **Date :** 11-04-2025 08:17:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3507-01	SW-1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J12	10/30/2025	SM5220 D
Q3508-01	SW-1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J21	10/30/2025	SM5220 D
Q3509-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	10/31/2025	SM5220 D
Q3509-03	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	10/31/2025	SM5220 D
Q3510-01	OUTFALL-002	Water	COD	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	SM5220 D
Q3511-01	OUTFALL-001	Water	COD	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	SM5220 D
Q3511-02	OUTFALL-002	Water	COD	Conc H2SO4 to pH < 2	ATGG01	D41	10/30/2025	SM5220 D
Q3528-01	SW-2	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J11	10/29/2025	SM5220 D
Q3529-01	SW1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	J11	10/29/2025	SM5220 D
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	COD	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	SM5220 D
Q3530-08	LOQ-WATER-02-QT4-2025	Water	COD	Conc H2SO4 to pH < 2	ALLI03	QA Of	11/03/2025	SM5220 D

Date/Time 11/4/25 08:25
Raw Sample Received by: EM(WC)
Raw Sample Relinquished by: [illegible]

Date/Time 11/4/25 11:30
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: EM(WC)