

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136958

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP113238
COD calibration std. 100 ppm	WP113237
COD calibration std. 50 ppm	WP113235
COD calibration std. 10 ppm	WP113234
COD calibration std. 0 ppm	WP113233
COD ICV-LCS std, 50ppm	WP113240
COD calibration std. 75 ppm	WP113236
COD LOQ std, 10.0PPM	WP114430
COD CCV std, 50ppm	WP114380
COD ICV-LCS std, 50ppm	WP114381
COD LOD std, 5ppm	WP114429
RL CHECK	WP114382
COD Digestion Vials Low Level 0-150Mg/L	W3228

Temp In (C): 148	Date In: 08/26/2025	Time In: 08:35
Temp Out (C): 150	Date Out: 08/26/2025	Time Out: 10:35

Intercept: 0.8179

Slope: 0.9847

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	-0.831		05/28/2025	13:10
2	CAL2	10	1	Water	9.000	8.309	-16.9	05/28/2025	13:10
3	CAL3	50	1	Water	52.000	51.977	4	05/28/2025	13:11
4	CAL4	75	1	Water	77.000	77.366	3.2	05/28/2025	13:11
5	CAL5	100	1	Water	99.000	99.708	-0.3	05/28/2025	13:12
6	CAL6	150	1	Water	147.000	148.453	-1	05/28/2025	13:12

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Run Number: LB136958

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	51.000	50.962	05/28/2025	13:13
2	ICB		NA	NA	1	Water	0.000	-0.831	05/28/2025	13:13
3	CCV1	50	NA	NA	1	Water	49.000	48.931	08/26/2025	11:20
4	CCB1		NA	NA	1	Water	1.000	0.185	08/26/2025	11:20
5	RL Check	10	NA	NA	1	Water	8.000	7.294	08/26/2025	11:21
6	LB136958BL		NA	NA	1	Water	0.000	-0.831	08/26/2025	11:21
7	LB136958BS	50	NA	NA	1	Water	48.000	47.915	08/26/2025	11:22
8	Q2893-07		NA	NA	1	Water	5.000	4.247	08/26/2025	11:22
9	Q2893-08		NA	NA	1	Water	11.000	10.340	08/26/2025	11:23
10	Q2940-01		NA	NA	1	Water	39.000	38.775	08/26/2025	11:23
11	Q2954-11		NA	NA	1	Water	32.000	31.667	08/26/2025	11:24
12	Q2954-11DUP		NA	NA	1	Water	31.000	30.651	08/26/2025	11:24
13	Q2954-11MS	50	NA	NA	1	Water	75.000	75.335	08/26/2025	11:25
14	Q2954-11MSD	50	NA	NA	1	Water	73.000	73.304	08/26/2025	11:25
15	CCV2	50	NA	NA	1	Water	51.000	50.962	08/26/2025	11:26
16	CCB2		NA	NA	1	Water	0.000	-0.831	08/26/2025	11:26

16136958

WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-8-25

WorkList ID : 191465

Department : Wet-Chemistry

Date : 08-25-2025 13:40:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-07	LOD-MDL-WATER-01-QT3-202	Water	COD	NONE	ALLI03	QA Of	08/18/2025	SM5220 D
Q2893-08	LOQ-WATER-02-QT3-2025	Water	COD	NONE	ALLI03	QA Of	08/18/2025	SM5220 D
Q2940-01	COMP(1-6)	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D21	08/22/2025	SM5220 D
Q2954-11	BRIDGE	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D41	08/25/2025	SM5220 D

Date/Time08/26/2508:05

Raw Sample Received by:EM(wc)

Raw Sample Relinquished by:EM(wc)

Date/Time08/26/2510:45

Raw Sample Received by:EM(wc)

Raw Sample Relinquished by:EM(wc)