

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136825

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 CCV std, 50ppm	WP114291
COD ICV-LCS std, 50ppm	WP114292
COD Digestion Vials Low Level 0-150Mg/L	W3228
RL CHECK	WP114293

Temp In (C): 148	Date In: 08/15/2025	Time In: 08:15
Temp Out (C): 150	Date Out: 08/15/2025	Time Out: 10:15

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: LB136825

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	08/15/2025	11:00
4	CCB1		NA	NA	1	Water	1.000	0.185	08/15/2025	11:00
5	RL Check	10	NA	NA	1	Water	9.000	8.309	08/15/2025	11:01
6	LB136825BL		NA	NA	1	Water	1.000	0.185	08/15/2025	11:01
7	LB136825BS	50	NA	NA	1	Water	48.000	47.915	08/15/2025	11:02
8	Q2810-01		NA	NA	20	Water	77.000	77.366	08/15/2025	11:02
9	Q2835-01		NA	NA	1	Water	0.000	-0.831	08/15/2025	11:03
10	Q2862-01		NA	NA	1	Water	38.000	37.760	08/15/2025	11:03
11	Q2862-03		NA	NA	1	Water	73.000	73.304	08/15/2025	11:04
12	Q2862-04		NA	NA	1	Water	58.000	58.071	08/15/2025	11:04
13	Q2862-05		NA	NA	1	Water	30.000	29.636	08/15/2025	11:05
14	Q2862-05DUP		NA	NA	1	Water	30.000	29.636	08/15/2025	11:05
15	Q2862-05MS	50	NA	NA	1	Water	80.000	80.412	08/15/2025	11:06
16	CCV2	50	NA	NA	1	Water	49.000	48.931	08/15/2025	11:06
17	CCB2		NA	NA	1	Water	0.000	-0.831	08/15/2025	11:07
18	Q2862-05MSD	50	NA	NA	1	Water	78.000	78.381	08/15/2025	11:07
19	CCV3	50	NA	NA	1	Water	50.000	49.946	08/15/2025	11:08
20	CCB3		NA	NA	1	Water	1.000	0.185	08/15/2025	11:08

WORKLIST(Hardcopy Internal Chain)

16136825

WorkList Name : COD-081425		WorkList ID : 191256		Department : Wet-Chemistry		Date : 08-14-2025 08:09:43	
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method
Q2810-01	MH-892025	Water	COD	Conc H2SO4 to pH < 2	EURO03	D21	08/08/2025 SM5220 D
Q2862-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	J41	08/13/2025 SM5220 D
Q2862-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	J41	08/13/2025 SM5220 D
Q2862-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	J41	08/13/2025 SM5220 D
Q2862-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	J41	08/13/2025 SM5220 D
Q2835-01	Manufacturing	Water	COD	Conc H2SO4 to pH < 2	SCIE01	J21	08/12/2025 SM5220 D

Date/Time 08/15/25 08:00
Raw Sample Received by: EM(wc)
Raw Sample Relinquished by: EM(wc)

Date/Time 08/15/25 10:30
Raw Sample Received by: EM(wc)
Raw Sample Relinquished by: EM(wc)