

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: Sohil

Run Number: LB138124

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	WP115958
COD ICV-LCS std, 50ppm	WP115959
RL CHECK	WP115960
COD Digestion Vials Low Level 0-150Mg/L	W3259

Temp In(C): 147	Date In: 12/05/2025	Time In: 09:35
Temp Out(C): 151	Date Out: 12/05/2025	Time Out: 11:35

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	12/05/2025	12:45
4	CCB1		NA	NA	1	Water	1.000	0.613	12/05/2025	12:45
5	RL Check	10	NA	NA	1	Water	7.000	6.681	12/05/2025	12:46
6	LB138124BL		NA	NA	1	Water	1.000	0.613	12/05/2025	12:46
7	LB138124BS	50	NA	NA	1	Water	50.000	50.173	12/05/2025	12:47
8	Q3729-01		NA	NA	10	Water	103.000	103.778	12/05/2025	12:47
9	Q3774-01		NA	NA	1	Water	46.000	46.127	12/05/2025	12:48
10	Q3774-03		NA	NA	1	Water	105.000	105.801	12/05/2025	12:48
11	Q3774-04		NA	NA	1	Water	111.000	111.870	12/05/2025	12:49
12	Q3774-05		NA	NA	1	Water	36.000	36.013	12/05/2025	12:49
13	Q3785-04		NA	NA	1	Water	1.000	0.613	12/05/2025	12:50
14	Q3785-04DUP		NA	NA	1	Water	0.000	-0.399	12/05/2025	12:50
15	Q3785-04MS	50	NA	NA	1	Water	48.000	48.150	12/05/2025	12:51
16	CCV2	50	NA	NA	1	Water	48.000	48.150	12/05/2025	12:51
17	CCB2		NA	NA	1	Water	0.000	-0.399	12/05/2025	12:52
18	Q3785-04MSD	50	NA	NA	1	Water	47.000	47.138	12/05/2025	12:52
19	CCV3	50	NA	NA	1	Water	49.000	49.161	12/05/2025	12:53
20	CCB3		NA	NA	1	Water	1.000	0.613	12/05/2025	12:53

WORKLIST(Hardcopy Internal Chain)

LB138129

WorkList Name : COD-120325 WorkList ID : 193442 Department : Wet-Chemistry Date : 12-03-2025 09:46:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3729-01	1	Water	COD	Conc H2SO4 to pH < 2	ATGG01	A11	11/25/2025	SM5220 D
Q3774-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	A11	12/03/2025	SM5220 D
Q3774-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	A11	12/03/2025	SM5220 D
Q3774-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	A11	12/03/2025	SM5220 D
Q3774-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	A11	12/03/2025	SM5220 D
Q3785-04	WATER-TREATMEN DISCHAR	Water	COD	Conc H2SO4 to pH < 2	VERI01	A11	12/04/2025	SM5220 D

Date/Time 12/05/25 09:10
 Raw Sample Received by: 126205
 Raw Sample Relinquished by: 126205

Date/Time 12/05/25 09:50
 Raw Sample Received by: 126205
 Raw Sample Relinquished by: 126205