

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127738

Reagent/Standard	Lot/Log #
COD ICV-LCS std, 50ppm	WP104201
COD calibration std. 100 ppm	WP104198
COD calibration std. 10 ppm	WP104196
COD calibration std. 150 ppm	WP104199
COD calibration std. 50 ppm	WP104197
COD calibration std. 0 ppm	WP104194
COD Digestion Vials Low Level 0-150Mg/L	W3026
COD ICV-LCS std, 50ppm	WP104612
COD CCV std, 50ppm	WP104611
COD LOD std, 5ppm	WP104613
COD LOQ std, 10.0PPM	WP104614

Temp In (C): 149	Date In: 10/11/2023	Time In: 09:35
Temp Out (C): 151	Date Out: 10/11/2023	Time Out: 11:35

Intercept: 0.039

Slope: 0.9994

Regression: 0.9999

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	-0.039		09/15/2023	13:20
2	CAL2	10	1	Water	9.000	8.966	-10.3	09/15/2023	13:20
3	CAL3	50	1	Water	51.000	50.992	2	09/15/2023	13:21
4	CAL4	100	1	Water	101.000	101.022	1	09/15/2023	13:21
5	CAL5	150	1	Water	149.000	149.05	-0.6	09/15/2023	13:22

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Run Number: LB127738

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	50.992	09/15/2023	13:22
2	ICB		NA	NA	1	Water	0.000	-0.039	09/15/2023	13:23
3	CCV1	50	NA	NA	1	Water	51.000	50.992	10/11/2023	13:40
4	CCB1		NA	NA	1	Water	1.000	0.962	10/11/2023	13:40
5	LB127738BL		NA	NA	1	Water	1.000	0.962	10/11/2023	13:41
6	LB127738BS	50	NA	NA	1	Water	50.000	49.991	10/11/2023	13:41
7	O4699-09		NA	NA	1	Water	5.000	4.964	10/11/2023	13:42
8	O4734-01		NA	NA	1	Water	5.000	4.964	10/11/2023	13:42
9	O4734-01DUP		NA	NA	1	Water	5.000	4.964	10/11/2023	13:43
10	O4734-02	50	NA	NA	1	Water	52.000	51.992	10/11/2023	13:43
11	O4734-03	50	NA	NA	1	Water	51.000	50.992	10/11/2023	13:44
12	O4734-04		NA	NA	1	Water	15.000	14.970	10/11/2023	13:44
13	O4734-05		NA	NA	1	Water	12.000	11.968	10/11/2023	13:45
14	O4734-06		NA	NA	1	Water	9.000	8.966	10/11/2023	13:45
15	CCV2	50	NA	NA	1	Water	49.000	48.990	10/11/2023	13:46
16	CCB2		NA	NA	1	Water	0.000	-0.039	10/11/2023	13:46
17	O4734-07		NA	NA	1	Water	12.000	11.968	10/11/2023	13:47
18	O4734-08		NA	NA	1	Water	55.000	54.994	10/11/2023	13:47
19	O4734-09		NA	NA	1	Water	8.000	7.966	10/11/2023	13:48
20	O4789-01		NA	NA	10	Water	65.000	65.000	10/11/2023	13:48
21	O4789-02		NA	NA	20	Water	108.000	108.026	10/11/2023	13:49
22	O4789-02DUP		NA	NA	20	Water	107.000	107.025	10/11/2023	13:49
23	O4789-03	50	NA	NA	20	Water	109.000	109.026	10/11/2023	13:50
24	O4789-04	50	NA	NA	20	Water	109.000	109.026	10/11/2023	13:50
25	O4789-05		NA	NA	10	Water	42.000	41.986	10/11/2023	13:51
26	O4789-06		NA	NA	20	Water	106.000	106.025	10/11/2023	13:51
27	CCV3	50	NA	NA	1	Water	51.000	50.992	10/11/2023	13:52
28	CCB3		NA	NA	1	Water	1.000	0.962	10/11/2023	13:52
29	O4789-07		NA	NA	20	Water	107.000	107.025	10/11/2023	13:53
30	O4789-08		NA	NA	10	Water	122.000	122.034	10/11/2023	13:53
31	O4789-09		NA	NA	10	Water	143.000	143.047	10/11/2023	13:54
32	CCV4	50	NA	NA	1	Water	51.000	50.992	10/11/2023	13:54
33	CCB4		NA	NA	1	Water	1.000	0.962	10/11/2023	13:55

WORKLIST(Hardcopy Internal Chain)

63127738

WorkList Name : COD-101023

WorkList ID : 174442

Department : Wet-Chemistry

Date : 10-10-2023 13:36:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4699-09	MDL-WATER-03-QT4-2023	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA Of	10/02/2023	SM5220 D
O4734-01	MW-6SR	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-02	O4734-01MS	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-03	O4734-01MSD	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-04	MW-14S	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-05	MW-5SR	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-06	MW-7	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-07	MW-12	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-08	MW-13S	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4734-09	MW-6I	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E32	10/03/2023	SM5220 D
O4789-01	LDET-5	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-02	LCOL-5	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-03	O4789-02MS	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-04	O4789-02MSD	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-05	LDET-7-9	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-06	LCOL-7-9	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-07	LDET-2	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-08	LDET-10	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D
O4789-09	LCOL-10	Water	COD	Conc H2SO4 to pH < 2	LOCK01	E22	10/05/2023	SM5220 D

Date/Time 10/11/23 09:00
 Raw Sample Received by: 12(wc)
 Raw Sample Relinquished by: 28(wc)

Date/Time 10/11/23 10:15
 Raw Sample Received by: 28(wc)
 Raw Sample Relinquished by: 12(wc)