

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Rubina

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130662

Reagent/Standard	Lot/Log #
COD Digestion Vials Low Level 0-150Mg/L	W3067
COD calibration std. 100 ppm	WP107081
COD calibration std. 10 ppm	WP107079
COD calibration std. 150 ppm	WP107082
COD calibration std. 50 ppm	WP107080
COD calibration std. 0 ppm	WP107078
COD ICV-LCS std, 50ppm	WP107540
COD ICV-LCS std, 50ppm	WP107862
COD CCV std, 50ppm	WP107861
COD LOD std, 5ppm	WP107884
COD LOQ std, 10.0PPM	WP107885

Temp In (C): 148	Date In: 05/09/2024	Time In: 15:30
Temp Out (C): 151	Date Out: 05/09/2024	Time Out: 17:30

Intercept: 0.4421

Slope: 0.9961

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	-0.444		03/21/2024	15:30
2	CAL2	10	1	Water	10.000	9.595	-4	03/21/2024	15:30
3	CAL3	50	1	Water	51.000	50.756	1.5	03/21/2024	15:31
4	CAL4	100	1	Water	101.000	100.952	1	03/21/2024	15:31
5	CAL5	150	1	Water	149.000	149.14	-0.6	03/21/2024	15:32



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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	49.000	48.748	03/21/2024	15:32
2	ICB		NA	NA	1	Water	1.000	0.560	03/21/2024	15:33
3	CCV1	50	NA	NA	1	Water	51.000	50.756	05/10/2024	09:00
4	CCB1		NA	NA	1	Water	1.000	0.560	05/10/2024	09:00
5	LB130662BL		NA	NA	1	Water	1.000	0.560	05/10/2024	09:01
6	LB130662BS	50	NA	NA	1	Water	49.000	48.748	05/10/2024	09:01
7	P2403-07		NA	NA	1	Water	5.000	4.576	05/10/2024	09:02
8	P2403-08		NA	NA	1	Water	9.000	8.591	05/10/2024	09:02
9	P2410-01		NA	NA	1	Water	16.000	15.619	05/10/2024	09:03
10	P2410-01DUP		NA	NA	1	Water	16.000	15.619	05/10/2024	09:03
11	P2410-01MS	50	NA	NA	1	Water	65.000	64.811	05/10/2024	09:04
12	P2410-01MSD	50	NA	NA	1	Water	64.000	63.807	05/10/2024	09:04
13	P2420-01		NA	NA	1	Water	65.000	64.811	05/10/2024	09:05
14	P2420-03		NA	NA	1	Water	62.000	61.799	05/10/2024	09:05
15	CCV2	50	NA	NA	1	Water	51.000	50.756	05/10/2024	09:06
16	CCB2		NA	NA	1	Water	0.000	-0.444	05/10/2024	09:06
17	P2420-04		NA	NA	1	Water	63.000	62.803	05/10/2024	09:07
18	P2420-05		NA	NA	1	Water	31.000	30.678	05/10/2024	09:07
19	P2440-03		NA	NA	1	Water	109.000	108.983	05/10/2024	09:08
20	CCV3	50	NA	NA	1	Water	51.000	50.756	05/10/2024	09:08
21	CCB3		NA	NA	1	Water	1.000	0.560	05/10/2024	09:09

WORKLIST(Hardcopy Internal Chain)

LB130662

WorkList Name : COD-05082024 WorkList ID : 180081 Department : Wet-Chemistry Date : 05-08-2024 09:40:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2403-07	LOD-MDL-WATER-01-QT2-202	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA O1	05/07/2024	SM5220 D
P2403-08	LOQ-WATER-02-QT2-2024	Water	COD	Conc H2SO4 to pH < 2	CHEM02	QA O1	05/07/2024	SM5220 D
P2410-01	A2295	Water	COD	Conc H2SO4 to pH < 2	PSEG03	K41	05/07/2024	SM5220 D
P2440-03	EQ-TANK-CONTAINMENT-PIT	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L11	05/09/2024	SM5220 D
P2420-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K51	05/08/2024	SM5220 D
P2420-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K51	05/08/2024	SM5220 D
P2420-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K51	05/08/2024	SM5220 D
P2420-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	K51	05/08/2024	SM5220 D

Date/Time 05/09/24 15:20
 Raw Sample Received by: 12/007
 Raw Sample Relinquished by: 78/007

Date/Time 05/09/24 16:00
 Raw Sample Received by: 88/620
 Raw Sample Relinquished by: 12/007