

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136616

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	WP114021
COD ICV-LCS std, 50ppm	WP114022
RL CHECK	WP114023
COD Digestion Vials Low Level 0-150Mg/L	W3228

Temp In(C): 148	Date In: 07/25/2025	Time In: 09:25
Temp Out(C): 151	Date Out: 07/25/2025	Time Out: 11:25

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: LB136616

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	51.000	50.962	07/25/2025	12:45
4	CCB1		NA	NA	1	Water	1.000	0.185	07/25/2025	12:45
5	RL Check	10	NA	NA	1	Water	8.000	7.294	07/25/2025	12:46
6	LB136616BL		NA	NA	1	Water	1.000	0.185	07/25/2025	12:46
7	LB136616BS	50	NA	NA	1	Water	48.000	47.915	07/25/2025	12:47
8	Q2683-01		NA	NA	1	Water	29.000	28.620	07/25/2025	12:47
9	Q2683-01DUP		NA	NA	1	Water	30.000	29.636	07/25/2025	12:48
10	Q2683-01MS	50	NA	NA	1	Water	85.000	85.490	07/25/2025	12:48
11	Q2683-01MSD	50	NA	NA	1	Water	86.000	86.506	07/25/2025	12:49
12	Q2683-03		NA	NA	1	Water	76.000	76.350	07/25/2025	12:49
13	Q2683-06		NA	NA	1	Water	41.000	40.806	07/25/2025	12:50
14	Q2683-07		NA	NA	1	Water	19.000	18.465	07/25/2025	12:50
15	CCV2	50	NA	NA	1	Water	51.000	50.962	07/25/2025	12:51
16	CCB2		NA	NA	1	Water	0.000	-0.831	07/25/2025	12:51

13136616

WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-072525

WorkList ID : 190955

Department : Wet-Chemistry

Date : 07-25-2025 09:00:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2683-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	07/23/2025	SM5220 D
Q2683-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	07/23/2025	SM5220 D
Q2683-06	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	07/23/2025	SM5220 D
Q2683-07	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D31	07/23/2025	SM5220 D

Date/Time 07/25/25 09:05
Raw Sample Received by: 12(VC)
Raw Sample Relinquished by: 26(VC)

Date/Time 07/25/25 09:40
Raw Sample Received by: 26(VC)
Raw Sample Relinquished by: 12(VC)