



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB128556

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105546
Calibration Std. hexchrome 0.05 ppm	WP105545
calibration std. hexchrome 0.01 ppm	WP105543
calibration std. hexchrome 0 ppm	WP105542
hexavalent chromium color reagent	WP105503
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105544
Hexavalent Chromium ICV-LCS Std	WP105549
Calibration and CCV std HexChrome 0.5PPM	WP105547
Calibration std HexChrome 1.0PPM	WP105548

Intercept: 0.0014

Slope: 0.7668

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.75	0.000	0.000	0.000	-0.00		12/04/2023	16:01
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.009	-10	12/04/2023	16:01
3	CAL3	0.025	1	100	100		2.05	0.000	0.021	0.021	0.025	0	12/04/2023	16:02
4	CAL4	0.05	1	100	100		2.15	0.000	0.040	0.040	0.050	0	12/04/2023	16:03
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	0.101	1	12/04/2023	16:04
6	CAL6	0.5	1	100	100		2.06	0.000	0.385	0.385	0.500	0	12/04/2023	16:05
7	CAL7	1	1	100	100		1.71	0.000	0.768	0.768	0.999	-0.1	12/04/2023	16:07



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB128556

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.75	0.000	0.386	0.386	0.502	12/04/2023	16:07
2	ICB		1	100	100		1.76	0.000	0.000	0.000	-0.002	12/04/2023	16:09
3	CCV1	0.5	1	100	100		1.87	0.000	0.383	0.383	0.498	12/04/2023	16:10
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	-0.002	12/04/2023	16:11
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.010	12/04/2023	16:12
6	LB128556BL		1	100	100		1.74	0.000	0.000	0.000	-0.002	12/04/2023	16:13
7	LB128556BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.522	12/04/2023	16:14
8	O5620-01		1	100	100		2.08	0.000	0.000	0.000	-0.002	12/04/2023	16:15
9	O5620-01DU		1	100	100		2.10	0.000	0.000	0.000	-0.002	12/04/2023	16:16
10	O5620-01MS	1	2	100	100		2.12	0.000	0.145	0.145	0.187	12/04/2023	16:17
11	O5620-01MS	1	2	100	100		2.12	0.000	0.149	0.149	0.192	12/04/2023	16:18
12	CCV2	0.5	1	100	100		1.88	0.0000	0.386	0.386	0.502	12/04/2023	16:19
13	CCB2		1	100	100		1.75	0.000	0.000	0.000	-0.002	12/04/2023	16:20

WORKLIST(Hardcopy Internal Chain)

LB128556

WorkList Name : HEX-120423 WorkList ID : 176054 Department : Wet-Chemistry Date : 12-04-2023 14:38:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5620-01	OILY-WATER-TOTE	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L41	12/04/2023	SM3500-Cr B

Date/Time 12/04/23 15:05
 Raw Sample Received by: 12(50)
 Raw Sample Relinquished by: 12(50)