

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119507

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96154
Calibration Std. hexchrome 0.05 ppm	WP96152
calibration std. hexchrome 0.01 ppm	WP96156
calibration std. hexchrome 0 ppm	WP96157
hexavalent chromium color reagent	WP96122
5N sulfuric acid	WP93692
Calibration Std Hexachrome 0.025 ppm	WP96155
Hexavalent Chromium ICV-LCS Std	WP96158
Calibration and CCV std HexChrome 0.5PPM	WP96153
Calibration std HexChrome 1.0PPM	WP96151

Intercept: 0.0001

Slope: 0.7836

Regression: 0.999992

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		2.12	0.000	0.000	0.000	-0.00		04/04/2022	10:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.007	0.007	0.008	20	04/04/2022	10:06
3	CAL3	0.025	1	100	100		2.43	0.000	0.018	0.018	0.022	12	04/04/2022	10:06
4	CAL4	0.05	1	100	100		1.96	0.000	0.040	0.040	0.050	0	04/04/2022	10:07
5	CAL5	0.1	1	100	100		1.62	0.000	0.080	0.080	0.101	-1	04/04/2022	10:09
6	CAL6	0.5	1	100	100		1.88	0.000	0.393	0.393	0.501	-0.2	04/04/2022	10:10
7	CAL7	1	1	100	100		1.79	0.000	0.783	0.783	0.999	0.1	04/04/2022	10:11



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119507

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		2.07	0.000	0.393	0.393	0.501	04/04/2022	10:12
2	ICB		1	100	100		2.33	0.000	0.001	0.001	0.001	04/04/2022	10:13
3	CCV1	0.5	1	100	100		1.80	0.000	0.389	0.389	0.496	04/04/2022	10:14
4	CCB1		1	100	100		1.96	0.000	0.001	0.001	0.001	04/04/2022	10:15
5	RL Check	0.01	1	100	100		2.22	0.000	0.007	0.007	0.009	04/04/2022	10:16
6	LB119507BL		1	100	100		1.71	0.000	0.000	0.000	0.000	04/04/2022	10:17
7	LB119507BS	0.5	1	100	100		1.60	0.000	0.385	0.385	0.491	04/04/2022	10:18
8	N2197-01		1	100	100		2.08	0.014	0.014	0.000	0.000	04/04/2022	10:19
9	N2197-01DU		1	100	100		2.45	0.014	0.015	0.001	0.001	04/04/2022	10:20
10	N2197-01MS	1	2	100	100		1.85	0.013	0.409	0.396	0.505	04/04/2022	10:21
11	N2197-01MS	1	2	100	100		1.93	0.013	0.410	0.397	0.507	04/04/2022	10:22
12	CCV2	0.5	1	100	100		1.75	0.000	0.396	0.396	0.505	04/04/2022	10:23
13	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	04/04/2022	10:24

WORKLIST(Hardcopy Internal Chain)

LB118507

WorkList Name : HEX-033122 WorkList ID : 158263 Department : Wet-Chemistry Date : 03-31-2022 14:12:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/06/2022	Water	N2197-01	Hexavalent Chromium	Ammonium sul	ENVI27	O11	DEWATERING-EFFLUENT-033022	03/30/2022	7196A

Date/Time 4/4/22 09:30
 Raw Sample Received by: R(21)
 Raw Sample Relinquished by: [Signature]

Date/Time 4/4/22 10:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]