

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122776

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99792
Calibration Std. hexchrome 0.05 ppm	WP99793
calibration std. hexchrome 0.01 ppm	WP99795
calibration std. hexchrome 0 ppm	WP99796
hexavalent chromium color reagent	WP99798
5N sulfuric acid	WP99758
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP99794
Hexavalent Chromium ICV-LCS Std	WP99797
Calibration and CCV std HexChrome 0.5PPM	WP99791
Calibration std HexChrome 1.0PPM	WP99790

Intercept: -0.0004

Slope: 0.7826

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		2.08	0.000	0.000	0.000	0.000		11/07/2022	09:10
2	CAL2	0.01	1	100	100		1.77	0.000	0.006	0.006	0.008	20	11/07/2022	09:11
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	0.023	8	11/07/2022	09:12
4	CAL4	0.05	1	100	100		2.14	0.000	0.039	0.039	0.050	0	11/07/2022	09:13
5	CAL5	0.1	1	100	100		2.15	0.000	0.080	0.080	0.102	-2	11/07/2022	09:14
6	CAL6	0.5	1	100	100		2.30	0.000	0.391	0.391	0.500	0	11/07/2022	09:15
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	0.999	0.1	11/07/2022	09:16



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Run Number: LB122776

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		2.08	0.000	0.390	0.390	0.499	11/07/2022	09:20
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.001	11/07/2022	09:21
3	CCV1	0.5	1	100	100		2.03	0.000	0.392	0.392	0.501	11/07/2022	09:22
4	CCB1		1	100	100		1.92	0.000	0.000	0.000	0.001	11/07/2022	09:23
5	RL Check	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	11/07/2022	09:24
6	LB122776BL		1	100	100		2.05	0.000	0.001	0.001	0.002	11/07/2022	09:25
7	LB122776BS	0.5	1	100	100		1.92	0.000	0.394	0.394	0.504	11/07/2022	09:27
8	N5431-01		1	100	100		1.74	0.000	0.000	0.000	0.001	11/07/2022	09:28
9	N5431-01DU		1	100	100		2.08	0.000	0.000	0.000	0.001	11/07/2022	09:29
10	N5431-01MS	1	2	100	100		1.90	0.000	0.396	0.396	0.507	11/07/2022	09:30
11	N5431-01MS	1	2	100	100		1.79	0.000	0.395	0.395	0.505	11/07/2022	09:31
12	N5431-02		1	100	100		2.14	0.004	0.004	0.000	0.001	11/07/2022	09:32
13	N5431-03		1	100	100		2.03	0.001	0.001	0.000	0.001	11/07/2022	09:33
14	N5431-04		1	100	100		1.96	0.003	0.003	0.000	0.001	11/07/2022	09:34
15	N5431-05		1	100	100		2.02	0.000	0.001	0.001	0.002	11/07/2022	09:35
16	CCV2	0.5	1	100	100		1.96	0.000	0.384	0.384	0.491	11/07/2022	09:36
17	CCB2		1	100	100		1.98	0.000	0.001	0.001	0.002	11/07/2022	09:37
18	N5431-06		1	100	100		2.03	0.002	0.002	0.000	0.001	11/07/2022	09:38
19	N5431-07		1	100	100		2.04	0.001	0.001	0.000	0.001	11/07/2022	09:39
20	N5431-08		1	100	100		2.01	0.000	0.000	0.000	0.001	11/07/2022	09:40
21	CCV3	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	11/07/2022	09:41
22	CCB3		1	100	100		1.88	0.000	0.000	0.000	0.001	11/07/2022	09:42

WORKLIST(Hardcopy Internal Chain)

LB122776

WorkList Name : hex 1104

WorkList ID : 164722

Department : Wet-Chemistry

Date : 11-04-2022 12:48:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/15/2022	Water	N5431-01	Hexavalent Chromium	Ammonium sul	AQUA04	F11	20221170-COMP-05-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-02	Hexavalent Chromium	Ammonium sul	AQUA04	F11	20221176-COMP-11-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-03	Hexavalent Chromium	Ammonium sul	AQUA04	F11	20221177-COMP-12-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-04	Hexavalent Chromium	Ammonium sul	AQUA04	F11	20221178-COMP-13-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-05	Hexavalent Chromium	Ammonium sul	AQUA04	F11	DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-06	Hexavalent Chromium	Ammonium sul	AQUA04	F11	DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-07	Hexavalent Chromium	Ammonium sul	AQUA04	F11	DISSOLVED-20221177-COMP-12-MODIFIED-ELUTRIATE	11/01/2022	7196A
11/15/2022	Water	N5431-08	Hexavalent Chromium	Ammonium sul	AQUA04	F11	DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE	11/01/2022	7196A

Date/Time

11/7/22 9:00

Raw Sample Received by:

ST(WC)

Raw Sample Relinquished by:

CP(GM)

Date/Time

11/7/22

12:30

Raw Sample Received by:

CP(GM)

Raw Sample Relinquished by:

ST(WC)