

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105198

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78101
Calibratation STD Hexa Chrome 0.5 PPM	WP78102
Calibration Std. hexchrome 0.1 ppm	WP78107
Calibration Std. hexchrome 0.05 ppm	WP78106
calibration std. hexchrome 0.01 ppm	WP78105
calibration std. hexchrome 0 ppm	WP78104
Hexavalent Chromium ICV Std.	WP78109
Hexavalent Chromium CCV Std	WP78108
Hexavalent Chromium LCS Std	WP78110
hexavalent chromium color reagent	WP77968
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78103

Intercept: -0.0003

Slope: 0.8012

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.10	0.000	0.000	0.000	09/18/2019	12:45
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/18/2019	12:45
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	09/18/2019	12:46
4	CAL4	0.05	1	100	100		2.01	0.000	0.040	0.040	09/18/2019	12:46
5	CAL5	0.1	1	100	100		1.65	0.000	0.080	0.080	09/18/2019	12:47
6	CAL6	0.5	1	100	100		1.60	0.000	0.398	0.398	09/18/2019	12:47
7	CAL7	1	1	100	100		1.65	0.000	0.802	0.802	09/18/2019	12:47

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.10	0.000	0.398	0.398	0.497	09/18/2019	13:00
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	09/18/2019	13:01
3	CCV1	0.5	1	100	100		2.10	0.000	0.395	0.395	0.493	09/18/2019	13:01
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	09/18/2019	13:02
5	PB123211BL		1	2.52	100	7.12	1.65	0.000	0.000	0.000	0.000	09/18/2019	13:03
6	PB123211BS	20	1	2.53	100	7.25	1.60	0.000	0.382	0.382	0.477	09/18/2019	13:03
7	K4668-08		1	2.53	100	7.85	1.65	0.016	0.016	0.000	0.000	09/18/2019	13:04
8	K4669-04		1	2.51	100	7.15	1.56	0.011	0.011	0.000	0.000	09/18/2019	13:04
9	K4669-04DUP		1	2.50	100	7.50	2.10	0.011	0.011	0.000	0.000	09/18/2019	13:04
10	K4669-04MSPre	40	2	2.50	100	7.65	1.65	0.011	0.365	0.354	0.442	09/18/2019	13:05
11	K4669-04MS2Ins	1284	40	2.54	100	7.85	1.60	0.011	0.671	0.660	0.824	09/18/2019	13:06
12	K4669-04MS3Post	40	2	2.52	100	7.15	1.56	0.011	0.395	0.384	0.480	09/18/2019	13:07
13	K4931-01		1	2.50	100	7.12	2.10	0.015	0.015	0.000	0.000	09/18/2019	13:07
14	K4942-01		1	2.50	100	7.15	1.56	0.022	0.022	0.000	0.000	09/18/2019	13:08
15	CCV2	0.5	1	100	100		1.60	0.000	0.375	0.375	0.468	09/18/2019	13:08
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	09/18/2019	13:09
17	K4942-03		1	2.53	100	7.65	2.10	0.018	0.018	0.000	0.000	09/18/2019	13:10
18	K4942-05		1	2.55	100	7.65	1.60	0.019	0.019	0.000	0.000	09/18/2019	13:10
19	K4942-07		1	2.50	100	7.15	1.60	0.016	0.016	0.000	0.000	09/18/2019	13:11
20	K4942-09		1	2.51	100	7.15	1.56	0.012	0.012	0.000	0.000	09/18/2019	13:12
21	K4944-01		1	2.52	100	7.12	2.10	0.014	3.419	3.405	4.250	09/18/2019	13:13
22	CCV3	0.5	1	100	100		1.60	0.000	0.374	0.374	0.467	09/18/2019	13:14
23	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	09/18/2019	13:15
24	K4944-01		10	2.52	100	7.12	1.65	0.009	0.712	0.703	0.878	09/18/2019	13:25
25	CCV4	0.5	1	100	100		2.05	0.000	0.391	0.391	0.488	09/18/2019	13:26
26	CCB4		1	100	100		2.01	0.000	0.000	0.000	0.000	09/18/2019	13:26