

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104515

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77210
Calibratation STD Hexa Chrome 0.5 PPM	WP77211
Calibration Std. hexchrome 0.1 ppm	WP77216
Calibration Std. hexchrome 0.05 ppm	WP77215
calibration std. hexchrome 0.01 ppm	WP77214
calibration std. hexchrome 0 ppm	WP77213
Hexavalent Chromium ICV Std.	WP77218
Hexavalent Chromium CCV Std	WP77217
Hexavalent Chromium LCS Std	WP77219
hexavalent chromium color reagent	WP77220
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77212

Intercept: 0.0001

Slope: 0.7994

Regression: 0.999998

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	08/09/2019	12:35
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	08/09/2019	12:36
3	CAL3	0.025	1	100	100		2.01	0.000	0.020	0.020	08/09/2019	12:37
4	CAL4	0.05	1	100	100		2.05	0.000	0.040	0.040	08/09/2019	12:38
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	08/09/2019	12:40
6	CAL6	0.5	1	100	100		1.56	0.000	0.401	0.401	08/09/2019	12:41
7	CAL7	1	1	100	100		1.60	0.000	0.799	0.799	08/09/2019	12:42

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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	0.406	0.406	0.508	08/09/2019	12:45
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	08/09/2019	12:45
3	CCV1	0.5	1	100	100		2.05	0.000	0.395	0.395	0.494	08/09/2019	12:46
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	08/09/2019	12:47
5	PB122120BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.000	08/09/2019	12:48
6	PB122120BS	20	1	2.51	100	7.12	1.89	0.000	0.378	0.378	0.473	08/09/2019	12:49
7	K4223-01		1	2.53	100	7.25	1.98	0.067	0.067	0.000	0.000	08/09/2019	12:49
8	K4223-01DUP		1	2.54	100	7.12	2.06	0.067	0.067	0.000	0.000	08/09/2019	12:50
9	K4223-01MSPre	40	2	2.50	100	7.25	2.36	0.067	0.415	0.348	0.435	08/09/2019	12:51
10	K4223-01MS2Ins	1284	40	2.50	100	7.25	2.11	0.067	0.734	0.667	0.834	08/09/2019	12:52
11	K4223-01MS3Post	40	2	2.51	100	7.15	2.14	0.067	0.454	0.387	0.484	08/09/2019	12:53
12	K4223-03		1	2.52	100	7.85	2.03	0.081	0.081	0.000	0.000	08/09/2019	12:54
13	K4223-05		1	2.54	100	7.25	2.10	0.096	0.096	0.000	0.000	08/09/2019	12:55
14	K4223-07		1	2.50	100	7.12	1.60	0.071	0.071	0.000	0.000	08/09/2019	12:56
15	CCV2	0.5	1	100	100		2.10	0.000	0.399	0.399	0.499	08/09/2019	12:57
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	08/09/2019	12:58
17	K4223-09		1	2.53	100	7.25	2.10	0.076	0.076	0.000	0.000	08/09/2019	12:59
18	K4223-11		1	2.52	100	7.85	2.10	0.051	0.051	0.000	0.000	08/09/2019	13:00
19	K4223-13		1	2.54	100	7.50	1.65	0.089	0.089	0.000	0.000	08/09/2019	13:00
20	K4223-15		1	2.54	100	7.12	1.56	0.041	0.041	0.000	0.000	08/09/2019	13:01
21	K4223-17		1	2.53	100	7.25	2.01	0.064	0.064	0.000	0.000	08/09/2019	13:02
22	K4223-19		1	2.51	100	7.25	2.10	0.069	0.069	0.000	0.000	08/09/2019	13:03
23	K4223-21		1	2.53	100	7.65	2.10	0.057	0.057	0.000	0.000	08/09/2019	13:05
24	K4223-23		1	2.53	100	7.15	1.56	0.061	0.061	0.000	0.000	08/09/2019	13:06
25	K4223-25		1	2.55	100	7.15	1.65	0.072	0.072	0.000	0.000	08/09/2019	13:07
26	K4223-27		1	2.52	100	7.50	2.10	0.084	0.084	0.000	0.000	08/09/2019	13:08
27	CCV3	0.5	1	100	100		2.01	0.000	0.408	0.408	0.510	08/09/2019	13:09
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	08/09/2019	13:10
29	K4223-29		1	2.50	100	7.12	2.10	0.063	0.063	0.000	0.000	08/09/2019	13:11
30	CCV4	0.5	1	100	100		1.60	0.000	0.392	0.392	0.490	08/09/2019	13:12
31	CCB4		1	100	100		1.60	0.000	0.000	0.000	0.000	08/09/2019	13:13