

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104412

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77006
Calibratation STD Hexa Chrome 0.5 PPM	WP77007
Calibration Std. hexchrome 0.1 ppm	WP77008
Calibration Std. hexchrome 0.05 ppm	WP77009
calibration std. hexchrome 0.01 ppm	WP77010
calibration std. hexchrome 0 ppm	WP77011
Hexavalent Chromium ICV Std.	WP77012
Hexavalent Chromium CCV Std	WP77013
Hexavalent Chromium LCS Std	WP77014
hexavalent chromium color reagent	WP77016
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77015

Intercept: 0.0003

Slope: 0.8005

Regression: 0.999999

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	08/03/2019	12:05
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	08/03/2019	12:05
3	CAL3	0.025	1	100	100		1.65	0.000	0.021	0.021	08/03/2019	12:06
4	CAL4	0.05	1	100	100		1.60	0.000	0.040	0.040	08/03/2019	12:06
5	CAL5	0.1	1	100	100		1.56	0.000	0.081	0.081	08/03/2019	12:07
6	CAL6	0.5	1	100	100		2.05	0.000	0.400	0.400	08/03/2019	12:07
7	CAL7	1	1	100	100		1.89	0.000	0.801	0.801	08/03/2019	12:08

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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	0.411	0.411	0.513	08/03/2019	12:15
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	08/03/2019	12:15
3	CCV1	0.5	1	100	100		1.60	0.000	0.401	0.401	0.501	08/03/2019	12:16
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	08/03/2019	12:16
5	PB121953BL		1	2.52	100	7.25	1.56	0.000	0.000	0.000	0.000	08/03/2019	12:17
6	PB121953BS	20	1	2.51	100	7.12	1.60	0.000	0.375	0.375	0.468	08/03/2019	12:17
7	K4090-01		1	2.53	100	7.25	2.10	0.012	0.012	0.000	0.000	08/03/2019	12:18
8	K4090-01MSPre	40	2	2.51	100	7.12	1.65	0.012	0.358	0.346	0.432	08/03/2019	12:18
9	K4090-01MS2Ins	1284	40	2.50	100	7.15	2.01	0.012	0.685	0.673	0.840	08/03/2019	12:19
10	K4090-01MS3Post	40	2	2.50	100	7.85	1.58	0.012	0.391	0.379	0.473	08/03/2019	12:19
11	K4090-03		1	2.51	100	7.85	1.62	0.014	0.014	0.000	0.000	08/03/2019	12:20
12	K4095-01		1	2.52	100	7.12	1.98	0.027	0.027	0.000	0.000	08/03/2019	12:20
13	K4095-03		1	2.51	100	7.50	2.20	0.017	0.017	0.000	0.000	08/03/2019	12:21
14	K4124-01		1	2.55	100	7.57	2.10	0.013	0.016	0.003	0.003	08/03/2019	12:22
15	CCV2	0.5	1	100	100		2.27	0.000	0.399	0.399	0.498	08/03/2019	12:22
16	CCB2		1	100	100		2.23	0.000	0.000	0.000	0.000	08/03/2019	12:23
17	K4153-01		1	2.55	100	7.65	2.10	0.015	0.018	0.003	0.003	08/03/2019	12:23
18	K4156-01		1	2.52	100	7.66	2.10	0.018	0.018	0.000	0.000	08/03/2019	12:24
19	K4156-04		1	2.50	100	7.15	1.56	0.020	0.020	0.000	0.000	08/03/2019	12:24
20	K4156-07		1	2.51	100	7.65	2.01	0.022	0.022	0.000	0.000	08/03/2019	12:25
21	K4156-10		1	2.50	100	7.50	1.56	0.019	0.019	0.000	0.000	08/03/2019	12:25
22	K4156-13		1	2.50	100	7.85	2.10	0.016	0.016	0.000	0.000	08/03/2019	12:26
23	PB121954BL		1	2.52	100	7.89	2.05	0.000	0.000	0.000	0.000	08/03/2019	12:26
24	PB121954BS	20	1	2.54	100	7.81	1.60	0.000	0.372	0.372	0.464	08/03/2019	12:27
25	K4140-21		1	2.53	100	7.12	1.56	0.028	0.028	0.000	0.000	08/03/2019	12:27
26	K4140-21DUP		1	2.51	100	7.85	2.01	0.028	0.028	0.000	0.000	08/03/2019	12:28
27	CCV3	0.5	1	100	100		1.56	0.000	0.398	0.398	0.497	08/03/2019	12:28
28	CCB3		1	100	100		1.59	0.000	0.000	0.000	0.000	08/03/2019	12:29
29	K4140-21MSPre	40	2	2.50	100	7.15	1.60	0.028	0.382	0.354	0.442	08/03/2019	12:29
30	K4140-21MS2Ins	1284	40	2.50	100	7.12	1.65	0.028	0.691	0.663	0.828	08/03/2019	12:30
31	K4140-21MS3Post	40	2	2.54	100	7.85	2.05	0.028	0.415	0.387	0.483	08/03/2019	12:30
32	K4140-22		1	2.52	100	7.18	1.56	0.012	0.012	0.000	0.000	08/03/2019	12:31
33	K4140-23		1	2.55	100	7.66	2.01	0.031	0.031	0.000	0.000	08/03/2019	12:31
34	K4140-24		1	2.52	100	7.88	2.04	0.061	0.061	0.000	0.000	08/03/2019	12:32
35	K4140-25		1	2.53	100	7.16	1.56	0.044	0.276	0.232	0.289	08/03/2019	12:33
36	K4140-26		1	2.50	100	7.90	2.10	0.072	0.072	0.000	0.000	08/03/2019	12:33
37	K4140-27		1	2.52	100	7.89	2.05	0.041	0.041	0.000	0.000	08/03/2019	12:34
38	K4140-28		1	2.52	100	7.25	1.61	0.037	0.037	0.000	0.000	08/03/2019	12:34
39	CCV4	0.5	1	100	100		1.59	0.000	0.398	0.398	0.497	08/03/2019	12:35
40	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	08/03/2019	12:35
41	K4140-29		1	2.54	100	7.65	1.56	0.033	0.033	0.000	0.000	08/03/2019	12:36
42	K4140-30		1	2.51	100	7.25	1.65	0.035	1.475	1.440	1.799	08/03/2019	12:37

43	K4140-31		1	2.51	100	7.15	2.10	0.029	0.029	0.000	0.000	08/03/2019	12:37
44	K4140-32		1	2.50	100	7.50	2.05	0.022	0.022	0.000	0.000	08/03/2019	12:38
45	K4140-33		1	2.50	100	7.50	1.65	0.023	0.023	0.000	0.000	08/03/2019	12:38
46	K4140-34		1	2.53	100	7.12	1.57	0.030	0.030	0.000	0.000	08/03/2019	12:39
47	K4140-35		1	2.52	100	7.25	2.10	0.029	0.029	0.000	0.000	08/03/2019	12:39
48	K4140-36		1	2.50	100	7.15	1.56	0.022	0.026	0.004	0.005	08/03/2019	12:40
49	K4140-37		1	2.52	100	7.50	1.64	0.026	0.026	0.000	0.000	08/03/2019	12:41
50	K4140-38		1	2.52	100	7.12	2.12	0.024	0.027	0.003	0.003	08/03/2019	12:41
51	CCV5	0.5	1	100	100		2.05	0.000	0.400	0.400	0.499	08/03/2019	12:42
52	CCB5		1	100	100		1.60	0.000	0.000	0.000	0.000	08/03/2019	12:43
53	K4140-39		1	2.56	100	7.85	2.13	0.022	0.022	0.000	0.000	08/03/2019	12:44
54	K4140-40		1	2.53	100	7.85	1.68	0.041	0.041	0.000	0.000	08/03/2019	12:45
55	CCV6	0.5	1	100	100		1.65	0.000	0.398	0.398	0.497	08/03/2019	12:46
56	CCB6		1	100	100		2.01	0.000	0.000	0.000	0.000	08/03/2019	12:46
57	K4140-30		2	2.51	100	7.25	2.10	0.016	0.737	0.721	0.900	08/03/2019	12:47
58	CCV7	0.5	1	100	100		2.10	0.000	0.399	0.399	0.498	08/03/2019	12:49
59	CCB7		1	100	100		2.01	0.000	0.000	0.000	0.000	08/03/2019	12:50