

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103198

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75202
Calibratation STD Hexa Chrome 0.5 PPM	WP75203
Calibration Std. hexchrome 0.1 ppm	WP75208
Calibration Std. hexchrome 0.05 ppm	WP75207
calibration std. hexchrome 0.01 ppm	WP75206
calibration std. hexchrome 0 ppm	WP75205
Hexavalent Chromium ICV Std.	WP75210
Hexavalent Chromium CCV Std	WP75209
hexavalent chromium color reagent	WP75201
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75204
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0

Slope: 0.7796

Regression: 0.999995

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		2.05	0.000	0.000	0.000	06/05/2019	13:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	06/05/2019	13:00
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	06/05/2019	13:01
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	06/05/2019	13:01
5	CAL5	0.1	1	100	100		1.60	0.000	0.079	0.079	06/05/2019	13:02
6	CAL6	0.5	1	100	100		1.70	0.000	0.389	0.389	06/05/2019	13:03
7	CAL7	1	1	100	100		2.01	0.000	0.780	0.780	06/05/2019	13:03

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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		1.65	0.000	0.399	0.399	0.512	06/05/2019	13:04
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	06/05/2019	13:04
3	CCV1	0.5	1	100	100		2.15	0.000	0.385	0.385	0.494	06/05/2019	13:05
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	06/05/2019	13:05
5	PB120331BL		1	2.50	100	7.25	1.76	0.000	0.000	0.000	0.000	06/05/2019	13:06
6	PB120331BS	20	1	2.50	100	7.10	1.80	0.001	0.346	0.345	0.443	06/05/2019	13:07
7	K2638-02		1	2.53	100	7.23	1.90	0.017	0.017	0.000	0.000	06/05/2019	13:07
8	K3008-05		1	2.51	100	7.15	2.01	0.014	0.014	0.000	0.000	06/05/2019	13:08
9	K3151-01		1	2.50	100	7.18	2.13	0.022	0.022	0.000	0.000	06/05/2019	13:08
10	K3151-03		1	2.50	100	7.52	2.18	0.013	0.013	0.000	0.000	06/05/2019	13:09
11	K3151-05		1	2.54	100	7.56	2.30	0.017	0.017	0.000	0.000	06/05/2019	13:09
12	K3163-01		1	2.52	100	7.85	1.56	0.015	0.015	0.000	0.000	06/05/2019	13:10
13	K3163-01DUP		1	2.54	100	7.60	2.30	0.015	0.015	0.000	0.000	06/05/2019	13:10
14	K3163-01MSPre	40	2	2.55	100	7.35	1.70	0.012	0.362	0.350	0.449	06/05/2019	13:11
15	CCV2	0.5	1	100	100		1.86	0.000	0.376	0.376	0.482	06/05/2019	13:11
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/05/2019	13:12
17	K3163-01MS2Ins	1284	40	2.53	100	7.38	2.15	0.011	0.698	0.687	0.881	06/05/2019	13:12
18	K3163-01MS3Post	40	2	2.53	100	7.16	2.18	0.013	0.400	0.387	0.496	06/05/2019	13:13
19	K3163-03		1	2.52	100	7.12	2.25	0.024	0.024	0.000	0.000	06/05/2019	13:13
20	K3183-01		1	2.50	100	7.56	2.23	0.016	0.016	0.000	0.000	06/05/2019	13:14
21	K3183-03		1	2.52	100	7.20	2.13	0.022	0.022	0.000	0.000	06/05/2019	13:14
22	K3186-01		1	2.54	100	7.15	1.99	0.015	0.015	0.000	0.000	06/05/2019	13:15
23	PB120341BL		1	2.50	100	7.15	1.75	0.000	0.000	0.000	0.000	06/05/2019	13:16
24	PB120341BS	20	1	2.50	100	7.88	1.85	0.000	0.370	0.370	0.475	06/05/2019	13:16
25	K3075-01		1	2.53	100	7.65	1.66	0.018	0.029	0.011	0.014	06/05/2019	13:17
26	K3075-03		1	2.51	100	7.32	1.85	0.007	0.012	0.005	0.006	06/05/2019	13:17
27	CCV3	0.5	1	100	100		2.13	0.000	0.366	0.366	0.469	06/05/2019	13:18
28	CCB3		1	100	100		2.16	0.000	0.000	0.000	0.000	06/05/2019	13:18
29	K3075-05		1	2.50	100	7.80	2.20	0.005	0.011	0.006	0.008	06/05/2019	13:19
30	K3075-05DUP		1	2.50	100	7.88	2.25	0.005	0.011	0.006	0.008	06/05/2019	13:19
31	K3075-05MSPre	40	2	2.54	100	7.02	1.89	0.006	0.353	0.347	0.445	06/05/2019	13:20
32	K3075-05MS2Ins	1284	40	2.52	100	7.25	1.86	0.005	0.688	0.683	0.876	06/05/2019	13:21
33	K3075-05MS3Post	40	2	2.51	100	7.32	2.10	0.005	0.412	0.407	0.522	06/05/2019	13:21
34	K3075-07		1	2.54	100	7.42	1.56	0.005	0.015	0.010	0.013	06/05/2019	13:22
35	K3075-09		1	2.54	100	7.65	1.89	0.022	0.028	0.006	0.008	06/05/2019	13:22
36	K3084-01		1	2.50	100	7.12	1.86	0.018	0.023	0.005	0.006	06/05/2019	13:23
37	K3084-03		1	2.50	100	7.40	1.89	0.022	0.033	0.011	0.014	06/05/2019	13:24
38	K3084-05		1	2.51	100	7.12	1.85	0.014	0.028	0.014	0.018	06/05/2019	13:24
39	CCV4	0.5	1	100	100		1.89	0.000	0.370	0.370	0.475	06/05/2019	13:25
40	CCB4		1	100	100		1.78	0.000	0.000	0.000	0.000	06/05/2019	13:26
41	K3084-07		1	2.53	100	7.31	2.15	0.012	0.024	0.012	0.015	06/05/2019	13:27
42	K3084-09		1	2.51	100	7.15	1.65	0.080	0.090	0.010	0.013	06/05/2019	13:27

43	CCV5	0.5	1	100	100		2.15	0.000	0.372	0.372	0.477	06/05/2019	13:28
44	CCB5		1	100	100		2.01	0.000	0.000	0.000	0.000	06/05/2019	13:29