

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102608

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74505
Calibratation STD Hexa Chrome 0.5 PPM	WP74506
Calibration Std. hexchrome 0.1 ppm	WP74507
Calibration Std. hexchrome 0.05 ppm	WP74511
calibration std. hexchrome 0.01 ppm	WP74510
calibration std. hexchrome 0 ppm	WP74509
Hexavalent Chromium ICV Std.	WP74513
Hexavalent Chromium CCV Std	WP74512
hexavalent chromium color reagent	WP74343
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74508
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0

Slope: 0.7717

Regression: 0.999984

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		1.66	0.000	0.000	0.000	05/08/2019	12:00
2	CAL2	0.01	1	100	100		2.01	0.000	0.007	0.007	05/08/2019	12:00
3	CAL3	0.025	1	100	100		2.15	0.000	0.018	0.018	05/08/2019	12:01
4	CAL4	0.05	1	100	100		1.70	0.000	0.038	0.038	05/08/2019	12:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.078	0.078	05/08/2019	12:02
6	CAL6	0.5	1	100	100		2.08	0.000	0.389	0.389	05/08/2019	12:02
7	CAL7	1	1	100	100		2.11	0.000	0.770	0.770	05/08/2019	12:03

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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	0.389	0.389	0.504	05/08/2019	12:03
2	ICB		1	100	100		1.85	0.000	0.000	0.000	0.000	05/08/2019	12:04
3	CCV1	0.5	1	100	100		1.66	0.000	0.390	0.390	0.505	05/08/2019	12:04
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.000	05/08/2019	12:05
5	PB119539BL		1	2.50	100	7.65	1.54	0.000	0.000	0.000	0.000	05/08/2019	12:05
6	PB119539BS	20	1	2.50	100	7.12	1.88	0.000	0.368	0.368	0.477	05/08/2019	12:06
7	K2641-01		1	2.50	100	7.85	1.69	0.013	0.013	0.000	0.000	05/08/2019	12:06
8	K2641-03		1	2.51	100	7.10	1.76	0.015	0.015	0.000	0.000	05/08/2019	12:07
9	K2641-05		1	2.50	100	7.13	1.69	0.017	0.017	0.000	0.000	05/08/2019	12:07
10	K2641-07		1	2.53	100	7.45	1.78	0.013	0.013	0.000	0.000	05/08/2019	12:08
11	K2641-09		1	2.50	100	7.63	1.99	0.024	0.024	0.000	0.000	05/08/2019	12:08
12	K2643-01		1	2.52	100	7.80	2.06	0.010	0.010	0.000	0.000	05/08/2019	12:09
13	K2643-03		1	2.55	100	7.36	2.54	0.020	0.020	0.000	0.000	05/08/2019	12:09
14	K2645-01		1	2.55	100	7.68	2.50	0.026	0.026	0.000	0.000	05/08/2019	12:10
15	CCV2	0.5	1	100	100		1.96	0.000	0.388	0.388	0.503	05/08/2019	12:10
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	05/08/2019	12:11
17	K2645-03		1	2.54	100	7.20	1.55	0.024	0.024	0.000	0.000	05/08/2019	12:11
18	K2645-05		1	2.53	100	7.35	2.10	0.006	0.006	0.000	0.000	05/08/2019	12:12
19	K2645-05DUP		1	2.51	100	7.36	2.35	0.005	0.005	0.000	0.000	05/08/2019	12:12
20	K2645-05MSPre	40	2	2.53	100	7.50	2.15	0.007	0.338	0.331	0.429	05/08/2019	12:13
21	K2645-05MS2Ins	1284	40	2.52	100	7.23	2.10	0.010	0.695	0.685	0.888	05/08/2019	12:13
22	K2645-05MS3Post	40	2	2.55	100	7.09	2.09	0.006	0.358	0.352	0.456	05/08/2019	12:14
23	K2645-07		1	2.53	100	7.15	2.07	0.013	0.013	0.000	0.000	05/08/2019	12:14
24	K2645-09		1	2.50	100	7.20	2.13	0.011	0.013	0.002	0.003	05/08/2019	12:15
25	K2703-02		1	2.51	100	7.50	2.33	0.053	0.053	0.000	0.000	05/08/2019	12:15
26	K2728-02		1	2.51	100	7.85	2.44	0.042	0.042	0.000	0.000	05/08/2019	12:16
27	CCV3	0.5	1	100	100		1.70	0.000	0.388	0.388	0.503	05/08/2019	12:16
28	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	05/08/2019	12:17