

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100793

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71618
Calibration Std. hexchrome 0.05 ppm	WP71617
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71610
Calibratation STD Hexa Chrome 0.5 PPM	WP71612
calibration std. hexchrome 0.01 ppm	WP71616
calibration std. hexchrome 0 ppm	WP71615
Hexavalent Chromium ICV Std.	WP71620
Hexavalent Chromium CCV Std	WP71619
hexavalent chromium color reagent	WP71527
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71614

Intercept: 0.0001

Slope: 0.7703

Regression: 0.999976

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		2.33	0.000	0.000	0.000	02/12/2019	11:00
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	02/12/2019	11:00
3	CAL3	0.025	1	100	100		1.60	0.000	0.016	0.016	02/12/2019	11:01
4	CAL4	0.05	1	100	100		1.56	0.000	0.039	0.039	02/12/2019	11:01
5	CAL5	0.1	1	100	100		2.20	0.000	0.079	0.079	02/12/2019	11:02
6	CAL6	0.5	1	100	100		1.55	0.000	0.388	0.388	02/12/2019	11:03
7	CAL7	1	1	100	100		2.25	0.000	0.769	0.769	02/12/2019	11:04

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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		2.33	0.000	0.390	0.390	0.506	02/12/2019	11:04
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.000	02/12/2019	11:05
3	CCV1	0.5	1	100	100		2.10	0.000	0.395	0.395	0.513	02/12/2019	11:05
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	02/12/2019	11:06
5	PB117045BL		1	2.50	100	7.20	1.58	0.000	0.000	0.000	0.000	02/12/2019	11:06
6	PB117045BS	20	1	2.53	100	7.12	1.56	0.000	0.365	0.365	0.474	02/12/2019	11:07
7	K1343-01		1	2.55	100	7.65	2.05	0.008	0.008	0.000	0.000	02/12/2019	11:07
8	K1343-01DUP		1	2.50	100	7.54	2.06	0.021	0.021	0.000	0.000	02/12/2019	11:08
9	K1343-01MSPre	40	2	2.55	100	7.12	2.26	0.010	0.380	0.370	0.480	02/12/2019	11:08
10	K1343-01MS2Ins	1284	40	2.53	100	7.25	2.18	0.009	0.612	0.603	0.783	02/12/2019	11:12
11	K1343-01MS3Post	40	2	2.53	100	7.85	2.32	0.011	0.389	0.378	0.491	02/12/2019	11:13
12	K1343-03		1	2.55	100	7.10	2.28	0.021	0.021	0.000	0.000	02/12/2019	11:13
13	K1343-05		1	2.51	100	7.54	2.35	0.023	0.023	0.000	0.000	02/12/2019	11:14
14	K1343-07		1	2.50	100	7.30	2.38	0.066	0.066	0.000	0.000	02/12/2019	11:14
15	CCV2	0.5	1	100	100		2.48	0.000	0.375	0.375	0.487	02/12/2019	11:15
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	02/12/2019	11:15
17	K1343-09		1	2.53	100	7.89	1.56	0.012	0.012	0.000	0.000	02/12/2019	11:16
18	K1343-11		1	2.55	100	7.40	1.80	0.027	0.027	0.000	0.000	02/12/2019	11:16
19	K1343-13		1	2.52	100	7.25	1.65	0.020	0.020	0.000	0.000	02/12/2019	11:17
20	K1343-15		1	2.55	100	7.65	1.59	0.022	0.022	0.000	0.000	02/12/2019	11:17
21	K1343-17		1	2.52	100	7.85	1.70	0.023	0.023	0.000	0.000	02/12/2019	11:18
22	K1343-19		1	2.50	100	7.16	1.90	0.026	0.026	0.000	0.000	02/12/2019	11:18
23	K1343-21		1	2.54	100	7.23	1.75	0.025	0.025	0.000	0.000	02/12/2019	11:19
24	K1343-23		1	2.54	100	7.15	1.65	0.022	0.022	0.000	0.000	02/12/2019	11:19
25	K1343-25		1	2.54	100	7.20	1.56	0.012	0.012	0.000	0.000	02/12/2019	11:20
26	K1343-27		1	2.51	100	7.50	2.70	0.022	0.022	0.000	0.000	02/12/2019	11:21
27	CCV3	0.5	1	100	100		1.90	0.000	0.380	0.380	0.493	02/12/2019	11:21
28	CCB3		1	100	100		1.68	0.000	0.000	0.000	0.000	02/12/2019	11:22
29	K1343-29		1	2.55	100	7.42	1.56	0.018	0.018	0.000	0.000	02/12/2019	11:23
30	K1343-31		1	2.51	100	7.36	1.65	0.020	0.020	0.000	0.000	02/12/2019	11:23
31	CCV4	0.5	1	100	100		2.32	0.000	0.382	0.382	0.496	02/12/2019	11:24
32	CCB4		1	100	100		1.56	0.000	0.000	0.000	0.000	02/12/2019	11:24