

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104067

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP76499
Calibratation STD Hexa Chrome 0.5 PPM	WP76498
Calibration Std. hexchrome 0.1 ppm	WP76493
Calibration Std. hexchrome 0.05 ppm	WP76494
calibration std. hexchrome 0.01 ppm	WP76495
calibration std. hexchrome 0 ppm	WP76496
Hexavalent Chromium ICV Std.	WP76503
Hexavalent Chromium CCV Std	WP76502
Hexavalent Chromium LCS Std	WP76504
hexavalent chromium color reagent	WP76268
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP76497

Intercept: 0.0003

Slope: 0.8001

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	07/18/2019	15:00
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	07/18/2019	15:01
3	CAL3	0.025	1	100	100		2.01	0.000	0.021	0.021	07/18/2019	15:02
4	CAL4	0.05	1	100	100		2.05	0.000	0.040	0.040	07/18/2019	15:03
5	CAL5	0.1	1	100	100		1.56	0.000	0.080	0.080	07/18/2019	15:04
6	CAL6	0.5	1	100	100		1.65	0.000	0.401	0.401	07/18/2019	15:05
7	CAL7	1	1	100	100		1.60	0.000	0.800	0.800	07/18/2019	15:06

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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		2.05	0.000	0.408	0.408	0.510	07/18/2019	15:10
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	07/18/2019	15:11
3	CCV1	0.5	1	100	100		2.12	0.000	0.398	0.398	0.497	07/18/2019	15:12
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	07/18/2019	15:13
5	PB121493BL		1	2.52	100	7.25	1.56	0.000	0.000	0.000	0.000	07/18/2019	15:14
6	PB121493BS	20	1	2.50	100	7.65	1.56	0.000	0.375	0.375	0.468	07/18/2019	15:15
7	K3615-01		1	2.53	100	7.12	2.05	0.012	0.012	0.000	0.000	07/18/2019	15:16
8	K3615-01DUP		1	2.51	100	7.12	2.11	0.012	0.012	0.000	0.000	07/18/2019	15:17
9	K3615-01MSPre	40	2	2.50	100	7.85	2.01	0.012	0.219	0.207	0.258	07/18/2019	15:18
10	K3615-01MS2Ins	1284	40	2.53	100	7.15	1.60	0.012	0.629	0.617	0.771	07/18/2019	15:19
11	K3615-01MS3Post	40	2	2.51	100	7.50	1.69	0.012	0.315	0.303	0.378	07/18/2019	15:20
12	K3615-03		1	2.50	100	7.85	2.15	0.015	0.015	0.000	0.000	07/18/2019	15:21
13	K3615-05		1	2.51	100	7.65	2.22	0.017	0.017	0.000	0.000	07/18/2019	15:22
14	K3618-05		1	2.54	100	7.12	2.16	0.009	0.009	0.000	0.000	07/18/2019	15:23
15	CCV2	0.5	1	100	100		2.01	0.000	0.401	0.401	0.501	07/18/2019	15:24
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.000	07/18/2019	15:25
17	K3835-01		1	2.53	100	7.16	1.96	0.026	0.026	0.000	0.000	07/18/2019	15:26
18	K3835-03		1	2.53	100	7.55	2.01	0.022	0.022	0.000	0.000	07/18/2019	15:27
19	K3835-05		1	2.54	100	7.60	1.56	0.013	0.013	0.000	0.000	07/18/2019	15:28
20	K3835-07		1	2.53	100	7.28	1.60	0.012	0.012	0.000	0.000	07/18/2019	15:29
21	K3835-09		1	2.55	100	7.12	2.12	0.017	0.017	0.000	0.000	07/18/2019	15:30
22	K3835-23		1	2.51	100	7.59	1.65	0.010	0.010	0.000	0.000	07/18/2019	15:31
23	K3835-25		1	2.52	100	7.14	1.67	0.015	0.015	0.000	0.000	07/18/2019	15:32
24	K3835-27		1	2.53	100	7.85	2.05	0.026	0.026	0.000	0.000	07/18/2019	15:33
25	K3835-29		1	2.50	100	7.52	1.65	0.019	0.019	0.000	0.000	07/18/2019	15:34
26	K3835-31		1	2.51	100	7.19	1.55	0.018	0.018	0.000	0.000	07/18/2019	15:35
27	CCV3	0.5	1	100	100		1.56	0.000	0.400	0.400	0.500	07/18/2019	15:36
28	CCB3		1	100	100		2.00	0.000	0.000	0.000	0.000	07/18/2019	15:37