

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102776

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74754
Calibratation STD Hexa Chrome 0.5 PPM	WP74752
Calibration Std. hexchrome 0.1 ppm	WP74753
Calibration Std. hexchrome 0.05 ppm	WP74750
calibration std. hexchrome 0.01 ppm	WP74749
calibration std. hexchrome 0 ppm	WP74748
Hexavalent Chromium ICV Std.	WP74756
Hexavalent Chromium CCV Std	WP74755
Hexavalent Chromium LCS Std	WP74757
hexavalent chromium color reagent	WP74585
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74751

Intercept: 0.0002

Slope: 0.7678

Regression: 0.999973

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		2.06	0.000	0.000	0.000	05/16/2019	11:01
2	CAL2	0.01	1	100	100		2.09	0.000	0.007	0.007	05/16/2019	11:02
3	CAL3	0.025	1	100	100		2.01	0.000	0.017	0.017	05/16/2019	11:03
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	05/16/2019	11:03
5	CAL5	0.1	1	100	100		2.11	0.000	0.078	0.078	05/16/2019	11:04
6	CAL6	0.5	1	100	100		2.05	0.000	0.388	0.388	05/16/2019	11:05
7	CAL7	1	1	100	100		2.16	0.000	0.766	0.766	05/16/2019	11:06



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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		2.01	0.000	0.369	0.369	0.480	05/16/2019	11:06
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	05/16/2019	11:07
3	CCV1	0.5	1	100	100		2.29	0.000	0.374	0.374	0.487	05/16/2019	11:07
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.000	05/16/2019	11:08
5	PB119780BL		1	2.50	100	7.25	2.50	0.000	0.000	0.000	0.000	05/16/2019	11:09
6	PB119780BS	20	1	2.50	100	7.10	2.36	0.000	0.371	0.371	0.483	05/16/2019	11:10
7	K2637-01		1	2.50	100	7.39	2.31	0.017	0.017	0.000	0.000	05/16/2019	11:11
8	K2637-03		1	2.51	100	7.05	2.09	0.014	0.014	0.000	0.000	05/16/2019	11:11
9	K2644-01		1	2.52	100	7.19	2.15	0.009	0.010	0.001	0.001	05/16/2019	11:12
10	K2644-03		1	2.50	100	7.40	2.25	0.013	0.013	0.000	0.000	05/16/2019	11:13
11	K2848-01		1	2.53	100	7.16	2.00	0.023	0.023	0.000	0.000	05/16/2019	11:13
12	K2848-03		1	2.54	100	7.24	2.05	0.024	0.024	0.000	0.000	05/16/2019	11:14
13	K2851-01		1	2.51	100	7.03	2.13	0.031	0.031	0.000	0.000	05/16/2019	11:14
14	K2865-03		1	2.52	100	7.25	2.19	0.020	0.020	0.000	0.000	05/16/2019	11:15
15	CCV2	0.5	1	100	100		2.11	0.000	0.370	0.370	0.482	05/16/2019	11:15
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	05/16/2019	11:16
17	K2865-07		1	2.54	100	7.30	2.16	0.017	0.018	0.001	0.001	05/16/2019	11:16
18	K2865-11		1	2.53	100	7.49	2.18	0.008	0.013	0.005	0.006	05/16/2019	11:17
19	K2865-11DUP		1	2.50	100	7.51	2.13	0.008	0.013	0.005	0.006	05/16/2019	11:18
20	K2865-11MSPre	40	2	2.51	100	7.64	2.40	0.009	0.345	0.336	0.437	05/16/2019	11:18
21	K2865-11MS2Ins	1284	40	2.53	100	7.08	2.39	0.010	0.678	0.668	0.870	05/16/2019	11:19
22	K2865-11MS3Post	40	2	2.52	100	7.36	2.41	0.011	0.375	0.364	0.474	05/16/2019	11:19
23	K2866-01		1	2.54	100	7.32	2.46	0.033	0.033	0.000	0.000	05/16/2019	11:20
24	K2866-04		1	2.52	100	7.30	2.42	0.038	0.108	0.070	0.091	05/16/2019	11:20
25	K2866-07		1	2.50	100	7.45	2.39	0.025	0.036	0.011	0.014	05/16/2019	11:21
26	CCV3	0.5	1	100	100		2.22	0.000	0.373	0.373	0.486	05/16/2019	11:21
27	CCB3		1	100	100		2.21	0.000	0.000	0.000	0.000	05/16/2019	11:22