

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106385

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79960
Calibratation STD Hexa Chrome 0.5 PPM	WP79961
Calibration Std. hexchrome 0.1 ppm	WP79966
Calibration Std. hexchrome 0.05 ppm	WP79965
calibration std. hexchrome 0.01 ppm	WP79964
calibration std. hexchrome 0 ppm	WP79963
Hexavalent Chromium ICV Std.	WP79968
Hexavalent Chromium CCV Std	WP79967
Hexavalent Chromium LCS Std	WP79969
hexavalent chromium color reagent	WP79867
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79962

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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	11/19/2019	13:05
2	CAL2	0.01	1	100	100		2.01	0.000	0.008	0.008	11/19/2019	13:05
3	CAL3	0.025	1	100	100		1.65	0.000	0.020	0.020	11/19/2019	13:06
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	11/19/2019	13:06
5	CAL5	0.1	1	100	100		1.56	0.000	0.079	0.079	11/19/2019	13:07
6	CAL6	0.5	1	100	100		1.56	0.000	0.399	0.399	11/19/2019	13:07
7	CAL7	1	1	100	100		1.60	0.000	0.800	0.800	11/19/2019	13:08

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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		1.56	0.000	0.386	0.386	0.483	11/19/2019	13:08
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	11/19/2019	13:09
3	CCV1	0.5	1	100	100		1.65	0.000	0.382	0.382	0.478	11/19/2019	13:09
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	11/19/2019	13:10
5	PB124927BL		1	2.50	100	7.15	1.65	0.000	0.000	0.000	0.000	11/19/2019	13:10
6	PB124927BS	20	1	2.51	100	7.12	1.89	0.000	0.355	0.355	0.444	11/19/2019	13:11
7	K5840-05		1	2.52	100	7.50	1.70	0.014	0.015	0.001	0.002	11/19/2019	13:11
8	K5840-07		1	2.51	100	7.85	2.05	0.024	0.025	0.001	0.002	11/19/2019	13:12
9	K5840-09		1	2.50	100	7.85	2.01	0.036	0.036	0.000	0.000	11/19/2019	13:12
10	K5840-11		1	2.53	100	7.25	2.15	0.014	0.016	0.002	0.003	11/19/2019	13:13
11	K5840-13		1	2.51	100	7.15	2.15	0.084	0.089	0.005	0.007	11/19/2019	13:13
12	K5841-01		1	2.51	100	7.50	2.00	0.031	0.032	0.001	0.002	11/19/2019	13:14
13	K5841-01DUP		1	2.54	100	7.65	2.03	0.032	0.033	0.001	0.002	11/19/2019	13:14
14	K5841-02MSPre	40	2	2.53	100	7.25	2.03	0.032	0.194	0.162	0.203	11/19/2019	13:15
15	CCV2	0.5	1	100	100		2.01	0.000	0.374	0.374	0.468	11/19/2019	13:15
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	11/19/2019	13:16
17	K5841-02MS2Ins	1284	40	2.54	100	7.30	1.89	0.031	0.650	0.619	0.774	11/19/2019	13:16
18	K5841-02MS3Post	40	2	2.55	100	7.36	1.98	0.031	0.222	0.191	0.239	11/19/2019	13:17
19	K5841-04		1	2.50	100	7.28	1.89	0.140	0.142	0.002	0.003	11/19/2019	13:17
20	K5841-05		1	2.54	100	7.40	1.78	0.059	0.060	0.001	0.002	11/19/2019	13:18
21	K5841-06		1	2.54	100	7.35	2.10	0.015	0.016	0.001	0.002	11/19/2019	13:18
22	K5841-07		1	2.50	100	7.60	2.05	0.020	0.021	0.001	0.002	11/19/2019	13:19
23	K5841-08		1	2.51	100	7.32	2.01	0.032	0.032	0.000	0.000	11/19/2019	13:19
24	PB124952BL		1	2.52	100	7.29	1.80	0.000	0.000	0.000	0.000	11/19/2019	13:20
25	PB124952BS	20	1	2.50	100	7.34	2.05	0.000	0.352	0.352	0.440	11/19/2019	13:20
26	K5841-09		1	2.52	100	7.52	2.10	0.022	0.023	0.001	0.002	11/19/2019	13:21
27	CCV3	0.5	1	100	100		2.01	0.000	0.379	0.379	0.474	11/19/2019	13:21
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	11/19/2019	13:22
29	K5841-09DUP		1	2.54	100	7.15	2.10	0.023	0.024	0.001	0.002	11/19/2019	13:22
30	K5841-09MSPre	40	2	2.52	100	7.12	1.89	0.021	0.362	0.341	0.427	11/19/2019	13:23
31	K5841-09MS2Ins	1284	40	2.53	100	7.65	1.87	0.022	0.654	0.632	0.790	11/19/2019	13:23
32	K5841-09MS3Post	40	2	2.54	100	7.25	1.86	0.022	0.370	0.348	0.435	11/19/2019	13:24
33	K5841-10		1	2.52	100	7.85	2.01	0.024	1.814	1.790	2.238	11/19/2019	13:24
34	K5841-11		1	2.50	100	7.50	2.05	0.026	0.052	0.026	0.033	11/19/2019	13:25
35	K5841-12		1	2.53	100	7.15	2.10	0.008	0.009	0.001	0.002	11/19/2019	13:25
36	K5841-13		1	2.51	100	7.12	1.96	0.017	0.024	0.007	0.009	11/19/2019	13:26
37	K5841-14		1	2.50	100	7.27	1.97	0.011	0.027	0.016	0.020	11/19/2019	13:26
38	K5841-15		1	2.51	100	7.36	1.92	0.018	0.020	0.002	0.003	11/19/2019	13:27
39	CCV4	0.5	1	100	100		2.15	0.000	0.385	0.385	0.482	11/19/2019	13:27
40	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	11/19/2019	13:28
41	K5841-16		1	2.50	100	7.61	2.01	0.013	0.034	0.021	0.027	11/19/2019	13:28
42	K5841-17		1	2.52	100	7.24	2.05	0.036	0.037	0.001	0.002	11/19/2019	13:29

43	K5841-18		1	2.50	100	7.18	1.94	0.015	0.017	0.002	0.003	11/19/2019	13:29
44	K5916-01		1	2.54	100	7.16	1.87	0.048	0.050	0.002	0.003	11/19/2019	13:30
45	K5918-01		1	2.53	100	7.23	2.15	0.029	0.030	0.001	0.002	11/19/2019	13:30
46	K5925-01		1	2.51	100	7.45	2.10	0.019	0.019	0.000	0.000	11/19/2019	13:31
47	K5841-10		10	2.52	100	7.85	2.01	0.011	0.249	0.238	0.298	11/19/2019	13:32
48	CCV5	0.5	1	100	100		2.06	0.000	0.376	0.376	0.470	11/19/2019	13:33
49	CCB5		1	100	100		2.07	0.000	0.000	0.000	0.000	11/19/2019	13:34