CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB106985

ANALYST: ketankumar
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80881
Calibratation STD Hexa Chrome 0.5 PPM	WP80882
Calibration Std. hexchrome 0.1 ppm	WP80887
Calibration Std. hexchrome 0.05 ppm	WP80886
calibration std. hexchrome 0.01 ppm	WP80885
calibration std. hexchrome 0 ppm	WP80884
Hexavalent Chromium ICV Std.	WP80889
Hexavalent Chromium CCV Std	WP80888
Hexavalent Chromium LCS Std	WP80890
hexavalent chromium color reagent	WP80891
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP76601

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		2.03	0.000	0.000	0.000	12/31/2019	12:45
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	12/31/2019	12:46
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	12/31/2019	12:47
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	12/31/2019	12:48
5	CAL5	0.1	1	100	100		1.97	0.000	0.079	0.079	12/31/2019	12:49
6	CAL6	0.5	1	100	100		1.98	0.000	0.399	0.399	12/31/2019	12:50
7	CAL7	1	1	100	100		2.05	0.000	0.800	0.800	12/31/2019	12:51

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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 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		2.03	0.000	0.386	0.386	0.483	12/31/2019	12:52
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	12/31/2019	12:53
3	CCV1	0.5	1	100	100		2.06	0.000	0.382	0.382	0.478	12/31/2019	12:54
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	12/31/2019	12:55
5	PB125824BL		1	2.56	100	7.06	2.09	0.000	0.000	0.000	0.000	12/31/2019	12:56
6	PB125824BS	20	1	2.55	100	7.05	1.97	0.002	0.359	0.357	0.447	12/31/2019	12:57
7	K6463-01		1	2.53	100	7.02	2.04	0.024	0.025	0.001	0.002	12/31/2019	12:58
8	K6463-01DUP		1	2.52	100	7.08	2.06	0.025	0.026	0.001	0.002	12/31/2019	12:59
9	K6463-01MSPre	40	2	2.51	100	7.09	2.05	0.021	0.120	0.099	0.124	12/31/2019	13:01
10	K6463-01MS2Ins	1284	40	2.53	100	7.08	2.04	0.020	0.654	0.634	0.793	12/31/2019	13:02
11	K6463-01MS3Post	40	2	2.50	100	7.04	2.03	0.019	0.180	0.161	0.202	12/31/2019	13:03
12	K6463-02		1	2.51	100	7.09	2.08	0.032	0.032	0.000	0.000	12/31/2019	13:04
13	K6463-03		1	2.50	100	7.06	2.09	0.017	0.019	0.002	0.003	12/31/2019	13:05
14	K6463-04		1	2.52	100	7.04	2.04	0.003	0.005	0.002	0.003	12/31/2019	13:06
15	CCV2	0.5	1	100	100		2.06	0.000	0.378	0.378	0.473	12/31/2019	13:07
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	12/31/2019	13:08
17	K6465-01		1	2.53	100	7.03	2.09	0.040	0.040	0.000	0.000	12/31/2019	13:09
18	K6465-02		1	2.50	100	7.08	2.07	0.016	0.018	0.002	0.003	12/31/2019	13:10
19	K6465-03		1	2.55	100	7.04	2.04	0.016	0.016	0.000	0.000	12/31/2019	13:11
20	K6465-04		1	2.50	100	7.04	2.03	0.017	0.017	0.000	0.000	12/31/2019	13:12
21	K6465-05		1	2.51	100	7.09	2.04	0.029	0.030	0.001	0.002	12/31/2019	13:13
22	K6465-06		1	2.53	100	7.05	2.09	0.031	0.031	0.000	0.000	12/31/2019	13:14
23	K6465-07		1	2.51	100	7.03	1.97	0.020	0.020	0.000	0.000	12/31/2019	13:15
24	K6465-08		1	2.50	100	7.04	1.98	0.030	0.030	0.000	0.000	12/31/2019	13:16
25	K6465-09		1	2.52	100	7.06	2.06	0.099	0.100	0.001	0.002	12/31/2019	13:17
26	K6469-01		1	2.50	100	7.05	2.04	0.088	0.090	0.002	0.003	12/31/2019	13:18
27	CCV3	0.5	1	100	100		1.98	0.000	0.382	0.382	0.478	12/31/2019	13:19
28	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	12/31/2019	13:20
29	K6472-06		1	2.52	100	7.04	2.05	0.033	0.033	0.000	0.000	12/31/2019	13:21
30	K6474-01		1	2.53	100	7.06	2.06	0.017	0.017	0.000	0.000	12/31/2019	13:22
31	K6474-03		1	2.54	100	7.08	2.02	0.018	0.020	0.002	0.003	12/31/2019	13:23
32	CCV4	0.5	1	100	100		2.08	0.000	0.385	0.385	0.482	12/31/2019	13:24
33	CCB4		1	100	100		1.98	0.000	0.000	0.000	0.000	12/31/2019	13:25