

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106962

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80859
Calibratation STD Hexa Chrome 0.5 PPM	WP80860
Calibration Std. hexchrome 0.1 ppm	WP80865
Calibration Std. hexchrome 0.05 ppm	WP80864
calibration std. hexchrome 0.01 ppm	WP80863
calibration std. hexchrome 0 ppm	WP80862
Hexavalent Chromium ICV Std.	WP80867
Hexavalent Chromium CCV Std	WP80866
Hexavalent Chromium LCS Std	WP80868
hexavalent chromium color reagent	WP80785
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80861

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		1.98	0.000	0.000	0.000	12/30/2019	12:35
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	12/30/2019	12:36
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	12/30/2019	12:37
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	12/30/2019	12:38
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	12/30/2019	12:39
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	12/30/2019	12:40
7	CAL7	1	1	100	100		2.01	0.000	0.800	0.800	12/30/2019	12:41

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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		1.97	0.000	0.387	0.387	0.484	12/30/2019	12:42
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	12/30/2019	12:43
3	CCV1	0.5	1	100	100		2.06	0.000	0.377	0.377	0.472	12/30/2019	12:44
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	12/30/2019	12:45
5	PB125791BL		1	2.53	100	7.03	2.05	0.000	0.000	0.000	0.000	12/30/2019	12:46
6	PB125791BS	20	1	2.55	100	7.05	2.04	0.002	0.358	0.356	0.445	12/30/2019	12:47
7	K6113-11		1	2.50	100	7.04	2.03	0.057	0.059	0.002	0.003	12/30/2019	12:48
8	K6113-11DUP		1	2.52	100	7.06	2.04	0.056	0.058	0.002	0.003	12/30/2019	12:49
9	K6113-11MSPre	40	2	2.51	100	7.08	2.06	0.031	0.033	0.002	0.003	12/30/2019	12:50
10	K6113-11MS2Ins	1284	40	2.53	100	7.04	1.98	0.032	0.658	0.626	0.783	12/30/2019	12:51
11	K6113-11MS3Post	40	2	2.50	100	7.03	1.97	0.030	0.174	0.144	0.180	12/30/2019	12:52
12	K6114-01		1	2.51	100	7.04	2.02	0.057	0.059	0.002	0.003	12/30/2019	12:53
13	K6117-10		1	2.55	100	7.04	2.04	0.036	0.037	0.001	0.002	12/30/2019	12:54
14	K6441-06		1	2.52	100	7.09	2.01	0.045	0.046	0.001	0.002	12/30/2019	12:55
15	CCV2	0.5	1	100	100		2.03	0.000	0.378	0.378	0.473	12/30/2019	12:56
16	CCB2		1	100	100		2.02	0.000	0.000	0.000	0.000	12/30/2019	12:57
17	K6441-07		1	2.53	100	7.05	2.04	0.014	0.016	0.002	0.003	12/30/2019	12:58
18	K6442-06		1	2.50	100	7.06	2.03	0.039	0.040	0.001	0.002	12/30/2019	12:59
19	K6455-06		1	2.51	100	7.04	2.05	0.060	0.061	0.001	0.002	12/30/2019	13:01
20	K6456-01		1	2.53	100	7.16	2.01	0.042	0.044	0.002	0.003	12/30/2019	13:02
21	K6456-03		1	2.55	100	7.22	2.03	0.034	0.035	0.001	0.002	12/30/2019	13:03
22	CCV3	0.5	1	100	100		2.04	0.000	0.384	0.384	0.480	12/30/2019	13:04
23	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	12/30/2019	13:05