

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106792

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80578
Calibratation STD Hexa Chrome 0.5 PPM	WP80579
Calibration Std. hexchrome 0.1 ppm	WP80584
Calibration Std. hexchrome 0.05 ppm	WP80583
calibration std. hexchrome 0.01 ppm	WP80582
calibration std. hexchrome 0 ppm	WP80581
Hexavalent Chromium ICV Std.	WP80586
Hexavalent Chromium CCV Std	WP80585
Hexavalent Chromium LCS Std	WP80587
hexavalent chromium color reagent	WP80611
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80580

Intercept: -0.0006

Slope: 0.8019

Regression: 0.999996

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	12/17/2019	11:32
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	12/17/2019	11:33
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	12/17/2019	11:34
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	12/17/2019	11:35
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	12/17/2019	11:36
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	12/17/2019	11:37
7	CAL7	1	1	100	100		2.04	0.000	0.802	0.802	12/17/2019	11:38

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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		1.98	0.000	0.378	0.378	0.472	12/17/2019	11:39
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.001	12/17/2019	11:40
3	CCV1	0.5	1	100	100		1.89	0.000	0.365	0.365	0.456	12/17/2019	11:41
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	12/17/2019	11:42
5	PB125536BL		1	2.51	100	7.16	2.02	0.000	0.000	0.000	0.001	12/17/2019	11:43
6	PB125536BS	20	1	2.50	100	7.22	2.01	0.005	0.354	0.349	0.436	12/17/2019	11:44
7	K6317-07		1	2.53	100	7.26	2.05	0.015	0.017	0.002	0.003	12/17/2019	11:45
8	K6317-07DUP		1	2.52	100	7.23	2.07	0.016	0.017	0.001	0.002	12/17/2019	11:46
9	K6317-07MSPre	40	2	2.51	100	7.03	2.09	0.015	0.366	0.351	0.438	12/17/2019	11:47
10	K6317-07MS2Ins	1284	40	2.50	100	7.04	2.08	0.016	0.652	0.636	0.794	12/17/2019	11:48
11	K6317-07MS3Post	40	2	2.54	100	7.09	2.06	0.015	0.385	0.370	0.462	12/17/2019	11:49
12	K6317-08		1	2.51	100	7.10	2.04	0.025	0.025	0.000	0.001	12/17/2019	11:50
13	K6318-07		1	2.50	100	7.06	2.10	0.026	0.028	0.002	0.003	12/17/2019	11:51
14	K6318-08		1	2.52	100	7.04	1.97	0.039	0.040	0.001	0.002	12/17/2019	11:52
15	CCV2	0.5	1	100	100		2.06	0.000	0.370	0.370	0.462	12/17/2019	11:53
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	12/17/2019	11:54
17	K6325-01		1	2.53	100	7.06	2.04	0.031	0.032	0.001	0.002	12/17/2019	11:55
18	K6325-04		1	2.50	100	7.04	2.03	0.018	0.020	0.002	0.003	12/17/2019	11:56
19	K6333-04		1	2.52	100	7.03	1.98	0.015	0.016	0.001	0.002	12/17/2019	11:57
20	CCV3	0.5	1	100	100		2.06	0.000	0.367	0.367	0.458	12/17/2019	11:58
21	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.001	12/17/2019	11:59