

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106871

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80691
Calibratation STD Hexa Chrome 0.5 PPM	WP80692
Calibration Std. hexchrome 0.1 ppm	WP80697
Calibration Std. hexchrome 0.05 ppm	WP80696
calibration std. hexchrome 0.01 ppm	WP80695
calibration std. hexchrome 0 ppm	WP80694
Hexavalent Chromium ICV Std.	WP80699
Hexavalent Chromium CCV Std	WP80698
Hexavalent Chromium LCS Std	WP80700
hexavalent chromium color reagent	WP80611
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80693

Intercept: -0.0003

Slope: 0.7983

Regression: 0.999999

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		2.01	0.000	0.000	0.000	12/20/2019	12:15
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	12/20/2019	12:16
3	CAL3	0.025	1	100	100		2.07	0.000	0.020	0.020	12/20/2019	12:17
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	12/20/2019	12:18
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	12/20/2019	12:19
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	12/20/2019	12:20
7	CAL7	1	1	100	100		2.03	0.000	0.798	0.798	12/20/2019	12:21

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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		2.03	0.000	0.381	0.381	0.478	12/20/2019	12:22
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	12/20/2019	12:23
3	CCV1	0.5	1	100	100		1.97	0.000	0.375	0.375	0.470	12/20/2019	12:24
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	12/20/2019	12:25
5	PB125648BL		1	2.50	100	7.03	2.04	0.000	0.000	0.000	0.000	12/20/2019	12:26
6	PB125648BS	20	1	2.52	100	7.05	1.96	0.009	0.356	0.347	0.435	12/20/2019	12:27
7	K6107-01		1	2.53	100	7.04	2.07	0.028	0.029	0.001	0.002	12/20/2019	12:28
8	K6360-01		1	2.52	100	7.06	2.09	0.020	0.022	0.002	0.003	12/20/2019	12:29
9	K6360-01DUP		1	2.51	100	7.04	2.04	0.021	0.023	0.002	0.003	12/20/2019	12:30
10	K6360-01MSPre	40	2	2.53	100	7.02	2.04	0.022	0.255	0.233	0.292	12/20/2019	12:31
11	K6360-01MS2Ins	1284	40	2.50	100	7.01	2.03	0.021	0.654	0.633	0.793	12/20/2019	12:32
12	K6360-01MS3Post	40	2	2.51	100	7.02	1.97	0.020	0.269	0.249	0.312	12/20/2019	12:33
13	CCV2	0.5	1	100	100		2.04	0.000	0.387	0.387	0.485	12/20/2019	12:34
14	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	12/20/2019	12:35