

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106233

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79746
Calibratation STD Hexa Chrome 0.5 PPM	WP79747
Calibration Std. hexchrome 0.1 ppm	WP79755
Calibration Std. hexchrome 0.05 ppm	WP79754
calibration std. hexchrome 0.01 ppm	WP79751
calibration std. hexchrome 0 ppm	WP79749
Hexavalent Chromium ICV Std.	WP79757
Hexavalent Chromium CCV Std	WP79756
Hexavalent Chromium LCS Std	WP79758
hexavalent chromium color reagent	WP79627
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79748

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	11/12/2019	13:30
2	CAL2	0.01	1	100	100		1.69	0.000	0.008	0.008	11/12/2019	13:30
3	CAL3	0.025	1	100	100		1.89	0.000	0.020	0.020	11/12/2019	13:31
4	CAL4	0.05	1	100	100		1.75	0.000	0.039	0.039	11/12/2019	13:31
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	11/12/2019	13:32
6	CAL6	0.5	1	100	100		1.69	0.000	0.399	0.399	11/12/2019	13:32
7	CAL7	1	1	100	100		1.89	0.000	0.800	0.800	11/12/2019	13:33

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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		2.10	0.000	0.382	0.382	0.478	11/12/2019	13:34
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.000	11/12/2019	13:34
3	CCV1	0.5	1	100	100		1.89	0.000	0.372	0.372	0.465	11/12/2019	15:05
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	11/12/2019	15:06
5	lb106233BL		1	100	100		1.75	0.000	0.000	0.000	0.000	11/12/2019	15:06
6	lb106233BS	0.5	1	100	100		1.85	0.000	0.398	0.398	0.498	11/12/2019	15:07
7	K5801-01		1	100	100		1.56	0.001	0.001	0.000	0.000	11/12/2019	15:07
8	K5801-01DUP		1	100	100		1.60	0.001	0.001	0.000	0.000	11/12/2019	15:08
9	K5801-02		1	100	100		2.05	0.000	0.000	0.000	0.000	11/12/2019	15:08
10	K5801-03		1	100	100		1.65	0.003	0.003	0.000	0.000	11/12/2019	15:09
11	K5801-04		1	100	100		2.01	0.003	0.003	0.000	0.000	11/12/2019	15:09
12	K5801-05		1	100	100		1.89	0.004	0.004	0.000	0.000	11/12/2019	15:10
13	K5801-06		1	100	100		2.01	0.004	0.004	0.000	0.000	11/12/2019	15:10
14	K5801-07	1	2	100	100		2.00	0.001	0.400	0.399	0.499	11/12/2019	15:12
15	CCV2	0.5	1	100	100		1.70	0.000	0.373	0.373	0.467	11/12/2019	15:12
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	11/12/2019	15:13
17	K5801-08	1	2	100	100		1.65	0.001	0.423	0.422	0.528	11/12/2019	15:13
18	CCV3	0.5	1	100	100		2.05	0.000	0.378	0.378	0.473	11/12/2019	15:14
19	CCB3		1	100	100		1.89	0.000	0.000	0.000	0.000	11/12/2019	15:15