

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106558

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80207
Calibratation STD Hexa Chrome 0.5 PPM	WP80208
Calibration Std. hexchrome 0.1 ppm	WP80213
Calibration Std. hexchrome 0.05 ppm	WP80212
calibration std. hexchrome 0.01 ppm	WP80211
calibration std. hexchrome 0 ppm	WP80210
Hexavalent Chromium ICV Std.	WP80215
Hexavalent Chromium CCV Std	WP80214
Hexavalent Chromium LCS Std	WP80216
hexavalent chromium color reagent	WP80217
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80209

Intercept: -0.0006

Slope: 0.8031

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		2.10	0.000	0.000	0.000	12/02/2019	13:50
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	12/02/2019	13:51
3	CAL3	0.025	1	100	100		1.96	0.000	0.019	0.019	12/02/2019	13:52
4	CAL4	0.05	1	100	100		1.97	0.000	0.038	0.038	12/02/2019	13:53
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	12/02/2019	13:54
6	CAL6	0.5	1	100	100		2.04	0.000	0.402	0.402	12/02/2019	13:55
7	CAL7	1	1	100	100		2.06	0.000	0.802	0.802	12/02/2019	13:56

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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		2.05	0.000	0.382	0.382	0.476	12/02/2019	13:57
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.001	12/02/2019	13:58
3	CCV1	0.5	1	100	100		2.03	0.000	0.398	0.398	0.496	12/02/2019	13:59
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.001	12/02/2019	13:59
5	PB125218BL		1	2.50	100	7.22	1.97	0.000	0.000	0.000	0.001	12/02/2019	14:00
6	PB125218BS	20	1	2.52	100	7.26	1.95	0.000	0.366	0.366	0.456	12/02/2019	14:01
7	K5676-35		1	2.50	100	7.23	2.04	0.031	0.033	0.002	0.003	12/02/2019	14:02
8	K5676-35DUP		1	2.53	100	7.26	2.06	0.030	0.032	0.002	0.003	12/02/2019	14:03
9	K5676-35MSPre	40	2	2.52	100	7.04	1.94	0.030	0.141	0.111	0.139	12/02/2019	14:04
10	K5676-35MS2Ins	1284	40	2.52	100	7.04	2.04	0.030	0.648	0.618	0.770	12/02/2019	14:05
11	K5676-35MS3Post	40	2	2.54	100	7.09	1.98	0.031	0.266	0.235	0.293	12/02/2019	14:06
12	K6090-03		1	2.51	100	7.06	2.06	0.020	0.021	0.001	0.002	12/02/2019	14:07
13	CCV2	0.5	1	100	100		1.94	0.000	0.375	0.375	0.468	12/02/2019	14:08
14	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	12/02/2019	14:09