

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110787

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86598
Calibration Std. hexchrome 0.05 ppm	WP86599
calibration std. hexchrome 0.01 ppm	WP86600
calibration std. hexchrome 0 ppm	WP86603
hexavalent chromium color reagent	WP86554
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86601
Hexavalent Chromium ICV-LCS Std	WP86602
Calibration and CCV std HexChrome 0.5PPM	WP86597
Calibration std HexChrome 1.0PPM	WP86596

Intercept: 0.0005

Slope: 0.7986

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		2.04	0.000	0.000	0.000	09/02/2020	11:42
2	CAL2	0.01	1	100	100		2.06	0.000	0.009	0.009	09/02/2020	11:43
3	CAL3	0.025	1	100	100		2.03	0.000	0.021	0.021	09/02/2020	11:44
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	09/02/2020	11:45
5	CAL5	0.1	1	100	100		2.08	0.000	0.080	0.080	09/02/2020	11:46
6	CAL6	0.5	1	100	100		2.05	0.000	0.400	0.400	09/02/2020	11:47
7	CAL7	1	1	100	100		2.03	0.000	0.799	0.799	09/02/2020	11:48

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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		2.08	0.000	0.383	0.383	0.479	09/02/2020	11:49
2	ICB		1	100	100		2.05	0.000	0.000	0.000	-0.001	09/02/2020	11:50
3	CCV1	0.5	1	100	100		2.04	0.000	0.380	0.380	0.475	09/02/2020	13:05
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/02/2020	13:06
5	PB131384BL		1	2.51	100	7.04	2.03	0.000	0.000	0.000	-0.001	09/02/2020	13:07
6	PB131384BS	20	1	2.50	100	7.06	2.07	0.000	0.355	0.355	0.444	09/02/2020	13:08
7	L3850-02		1	2.53	100	7.05	2.05	0.013	0.015	0.002	0.002	09/02/2020	13:09
8	L3850-02DUP		1	2.52	100	7.03	2.08	0.012	0.014	0.002	0.002	09/02/2020	13:10
9	L3850-02MSPre	40	2	2.51	100	7.08	2.02	0.010	0.156	0.146	0.182	09/02/2020	13:11
10	L3850-02MS2Ins	1284	40	2.53	100	7.09	2.08	0.008	0.654	0.646	0.808	09/02/2020	13:12
11	L3850-02MS3Post	40	2	2.50	100	7.07	2.07	0.011	0.238	0.227	0.284	09/02/2020	13:13
12	L3850-05		1	2.53	100	7.06	2.06	0.008	0.009	0.001	0.001	09/02/2020	13:14
13	L3853-02		1	2.55	100	7.05	2.04	0.019	0.021	0.002	0.002	09/02/2020	13:15
14	L3853-05		1	2.53	100	7.09	2.05	0.014	0.015	0.001	0.001	09/02/2020	13:16
15	CCV2	0.5	1	100	100		2.04	0.000	0.382	0.382	0.478	09/02/2020	13:17
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	09/02/2020	13:18
17	L3866-01		1	2.57	100	7.03	2.01	0.011	0.012	0.001	0.001	09/02/2020	13:19
18	CCV3	0.5	1	100	100		2.04	0.000	0.383	0.383	0.479	09/02/2020	13:20
19	CCB3		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/02/2020	13:21