

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109752

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85035
Calibration Std. hexchrome 0.05 ppm	WP85036
calibration std. hexchrome 0.01 ppm	WP85037
calibration std. hexchrome 0 ppm	WP85038
hexavalent chromium color reagent	WP84957
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85040
Hexavalent Chromium ICV-LCS Std	WP85039
Calibration and CCV std HexChrome 0.5PPM	WP85034
Calibration std HexChrome 1.0PPM	WP85033

Intercept: -0.0008

Slope: 0.7993

Regression: 0.999995

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	06/26/2020	11:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	06/26/2020	11:46
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	06/26/2020	11:47
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	06/26/2020	11:48
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	06/26/2020	11:49
6	CAL6	0.5	1	100	100		2.08	0.000	0.398	0.398	06/26/2020	11:50
7	CAL7	1	1	100	100		2.02	0.000	0.799	0.799	06/26/2020	11:51

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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		2.04	0.000	0.383	0.383	0.480	06/26/2020	11:52
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	06/26/2020	11:53
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.473	06/26/2020	11:54
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	06/26/2020	11:55
5	PB129767BL		1	2.52	100	7.04	2.07	0.000	0.000	0.000	0.001	06/26/2020	11:56
6	PB129767BS	20	1	2.51	100	7.06	2.08	0.000	0.358	0.358	0.449	06/26/2020	11:57
7	L2810-09		1	2.55	100	7.05	2.02	0.005	0.006	0.001	0.002	06/26/2020	11:58
8	L2810-09DUP		1	2.52	100	7.03	2.04	0.005	0.006	0.001	0.002	06/26/2020	11:59
9	L2810-09MSPre	40	2	2.51	100	7.08	2.06	0.003	0.150	0.147	0.185	06/26/2020	12:00
10	L2810-09MS2Ins	1284	40	2.53	100	7.09	2.04	0.002	0.654	0.652	0.817	06/26/2020	12:01
11	L2810-09MS3Post	40	2	2.50	100	7.07	2.06	0.003	0.260	0.257	0.323	06/26/2020	12:02
12	L2815-11		1	2.51	100	7.05	2.07	0.010	0.012	0.002	0.004	06/26/2020	12:03
13	L2817-11		1	2.50	100	7.06	2.09	0.007	0.008	0.001	0.002	06/26/2020	12:04
14	L3099-01		1	2.52	100	7.09	2.07	0.018	0.020	0.002	0.004	06/26/2020	12:05
15	CCV2	0.5	1	100	100		2.08	0.000	0.377	0.377	0.473	06/26/2020	12:06
16	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.001	06/26/2020	12:07
17	L3099-03		1	2.55	100	7.04	2.03	0.015	0.017	0.002	0.004	06/26/2020	12:08
18	L3111-03		1	2.53	100	7.06	2.04	0.005	0.006	0.001	0.002	06/26/2020	12:09
19	L3111-08		1	2.52	100	7.04	2.05	0.003	0.003	0.000	0.001	06/26/2020	12:10
20	L3113-01		1	2.55	100	7.08	2.06	0.036	0.038	0.002	0.004	06/26/2020	12:11
21	L3114-01		1	2.54	100	7.09	2.04	0.042	0.044	0.002	0.004	06/26/2020	12:12
22	L3126-03		1	2.57	100	7.05	2.06	0.006	0.007	0.001	0.002	06/26/2020	12:13
23	L3126-07		1	2.59	100	7.03	2.03	0.005	0.005	0.000	0.001	06/26/2020	12:14
24	L3126-11		1	2.53	100	7.04	2.04	0.010	0.012	0.002	0.004	06/26/2020	12:15
25	CCV3	0.5	1	100	100		2.05	0.000	0.375	0.375	0.470	06/26/2020	12:16
26	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.001	06/26/2020	12:17