

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109797

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85090
Calibration Std. hexchrome 0.05 ppm	WP85091
calibration std. hexchrome 0.01 ppm	WP85092
calibration std. hexchrome 0 ppm	WP85093
hexavalent chromium color reagent	WP85096
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85095
Hexavalent Chromium ICV-LCS Std	WP85094
Calibration and CCV std HexChrome 0.5PPM	WP85089
Calibration std HexChrome 1.0PPM	WP85088

Intercept: -0.0004

Slope: 0.7977

Regression: 0.999997

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	06/30/2020	11:30
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	06/30/2020	11:31
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	06/30/2020	11:32
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	06/30/2020	11:33
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	06/30/2020	11:34
6	CAL6	0.5	1	100	100		2.08	0.000	0.397	0.397	06/30/2020	11:35
7	CAL7	1	1	100	100		2.04	0.000	0.798	0.798	06/30/2020	11:36

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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		2.06	0.000	0.383	0.383	0.481	06/30/2020	11:37
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.001	06/30/2020	11:38
3	CCV1	0.5	1	100	100		2.07	0.000	0.375	0.375	0.471	06/30/2020	14:05
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	06/30/2020	14:06
5	PB129863BL		1	2.51	100	7.09	2.03	0.000	0.000	0.000	0.001	06/30/2020	14:07
6	PB129863BS	20	1	2.52	100	7.08	2.06	0.000	0.355	0.355	0.446	06/30/2020	14:08
7	L3153-01		1	2.53	100	7.03	2.02	0.048	0.050	0.002	0.003	06/30/2020	14:09
8	L3153-01DUP		1	2.52	100	7.05	2.04	0.049	0.050	0.001	0.002	06/30/2020	14:10
9	L3153-01MSPre	40	2	2.51	100	7.06	2.05	0.041	0.058	0.017	0.022	06/30/2020	14:11
10	L3153-01MS2Ins	1284	40	2.53	100	7.04	2.07	0.039	0.653	0.614	0.770	06/30/2020	14:12
11	L3153-01MS3Post	40	2	2.50	100	7.07	2.06	0.040	0.064	0.024	0.031	06/30/2020	14:13
12	L3153-04		1	2.56	100	7.08	2.07	0.044	0.046	0.002	0.003	06/30/2020	14:14
13	L3153-07		1	2.55	100	7.05	2.08	0.033	0.035	0.002	0.003	06/30/2020	14:15
14	L3153-10		1	2.52	100	7.06	2.08	0.040	0.041	0.001	0.002	06/30/2020	14:16
15	CCV2	0.5	1	100	100		2.04	0.000	0.378	0.378	0.474	06/30/2020	14:17
16	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.001	06/30/2020	14:18
17	L3153-13		1	2.53	100	7.04	2.02	0.056	0.058	0.002	0.003	06/30/2020	14:19
18	L3153-16		1	2.59	100	7.03	2.06	0.060	0.061	0.001	0.002	06/30/2020	14:20
19	L3153-19		1	2.54	100	7.04	2.04	0.071	0.073	0.002	0.003	06/30/2020	14:21
20	L3153-22		1	2.53	100	7.03	2.01	0.048	0.050	0.002	0.003	06/30/2020	14:22
21	L3153-25		1	2.52	100	7.04	2.08	0.031	0.032	0.001	0.002	06/30/2020	14:23
22	L3153-28		1	2.53	100	7.06	2.03	0.051	0.053	0.002	0.003	06/30/2020	14:24
23	L3153-31		1	2.51	100	7.04	2.04	0.033	0.035	0.002	0.003	06/30/2020	14:25
24	L3153-34		1	2.53	100	7.03	2.07	0.052	0.054	0.002	0.003	06/30/2020	14:26
25	L3153-37		1	2.52	100	7.02	2.06	0.055	0.056	0.001	0.002	06/30/2020	14:27
26	L3153-40		1	2.55	100	7.04	2.04	0.038	0.040	0.002	0.003	06/30/2020	14:28
27	CCV3	0.5	1	100	100		2.03	0.000	0.379	0.379	0.476	06/30/2020	14:29
28	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.001	06/30/2020	14:30
29	L3153-43		1	2.52	100	7.06	2.02	0.040	0.041	0.001	0.002	06/30/2020	14:31
30	CCV4	0.5	1	100	100		2.04	0.000	0.378	0.378	0.474	06/30/2020	14:32
31	CCB4		1	100	100		2.08	0.000	0.000	0.000	0.001	06/30/2020	14:33