

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110999

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86836
Calibration Std. hexchrome 0.05 ppm	WP86837
calibration std. hexchrome 0.01 ppm	WP86838
calibration std. hexchrome 0 ppm	WP86839
hexavalent chromium color reagent	WP86842
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86840
Hexavalent Chromium ICV-LCS Std	WP86841
Calibration and CCV std HexChrome 0.5PPM	WP86835
Calibration std HexChrome 1.0PPM	WP86833

Intercept: -0.0002

Slope: 0.8003

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		2.05	0.000	0.000	0.000	09/16/2020	13:50
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	09/16/2020	13:51
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	09/16/2020	13:52
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	09/16/2020	13:53
5	CAL5	0.1	1	100	100		2.04	0.000	0.080	0.080	09/16/2020	13:54
6	CAL6	0.5	1	100	100		2.06	0.000	0.398	0.398	09/16/2020	13:55
7	CAL7	1	1	100	100		2.05	0.000	0.801	0.801	09/16/2020	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		2.07	0.000	0.383	0.383	0.479	09/16/2020	13:57
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	09/16/2020	13:58
3	CCV1	0.5	1	100	100		2.05	0.000	0.378	0.378	0.473	09/16/2020	13:59
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	09/16/2020	14:01
5	PB131661BL		1	2.50	100	7.09	2.08	0.000	0.000	0.000	0.000	09/16/2020	14:02
6	PB131661BS	20	1	2.52	100	7.08	2.05	0.000	0.355	0.355	0.444	09/16/2020	14:03
7	L3868-01		1	2.53	100	7.03	2.02	0.024	0.026	0.002	0.003	09/16/2020	14:05
8	L3868-01DUP		1	2.52	100	7.05	2.06	0.023	0.025	0.002	0.003	09/16/2020	14:06
9	L3868-01MSPre	40	2	2.51	100	7.06	2.04	0.022	0.052	0.030	0.038	09/16/2020	14:07
10	L3868-01MS2Ins	1284	40	2.53	100	7.04	2.09	0.020	0.654	0.634	0.792	09/16/2020	14:08
11	L3868-01MS3Post	40	2	2.50	100	7.05	2.07	0.021	0.163	0.142	0.178	09/16/2020	14:09
12	L4018-01		1	2.56	100	7.07	2.08	0.021	0.023	0.002	0.003	09/16/2020	14:10
13	L4018-04		1	2.55	100	7.04	2.06	0.016	0.017	0.001	0.001	09/16/2020	14:11
14	L4019-01		1	2.53	100	7.06	2.04	0.020	0.022	0.002	0.003	09/16/2020	14:12
15	CCV2	0.5	1	100	100		2.03	0.000	0.382	0.382	0.478	09/16/2020	14:13
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	09/16/2020	14:13
17	L4020-01		1	2.54	100	7.03	2.04	0.007	0.007	0.000	0.000	09/16/2020	14:14
18	L4020-03		1	2.57	100	7.02	2.01	0.010	0.011	0.001	0.001	09/16/2020	14:15
19	L4021-01		1	2.54	100	7.04	2.04	0.014	0.015	0.001	0.001	09/16/2020	14:16
20	L4021-02		1	2.52	100	7.09	2.03	0.017	0.019	0.002	0.003	09/16/2020	14:17
21	L4021-03		1	2.51	100	7.04	2.07	0.016	0.017	0.001	0.001	09/16/2020	14:18
22	L4021-04		1	2.53	100	7.03	2.06	0.019	0.021	0.002	0.003	09/16/2020	14:19
23	L4021-05		1	2.58	100	7.08	2.04	0.012	0.013	0.001	0.001	09/16/2020	14:20
24	L4021-06		1	2.55	100	7.01	2.08	0.017	0.018	0.001	0.001	09/16/2020	14:21
25	L4021-07		1	2.57	100	7.03	2.07	0.020	0.022	0.002	0.003	09/16/2020	14:22
26	CCV3	0.5	1	100	100		2.04	0.000	0.381	0.381	0.476	09/16/2020	14:23
27	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	09/16/2020	14:24