

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107474

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81668
Calibration STD Hexa Chrome 0.5 PPM	WP81669
Calibration Std. hexchrome 0.1 ppm	WP81670
Calibration Std. hexchrome 0.05 ppm	WP81671
calibration std. hexchrome 0.01 ppm	WP81672
calibration std. hexchrome 0 ppm	WP81673
Hexavalent Chromium ICV Std.	WP81674
Hexavalent Chromium CCV Std	WP81675
Hexavalent Chromium LCS Std	WP81676
hexavalent chromium color reagent	WP81623
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP81677

Intercept: 0.0009

Slope: 0.7482

Regression: 0.999968

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	01/31/2020	13:10
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	01/31/2020	13:11
3	CAL3	0.025	1	100	100		2.06	0.000	0.019	0.019	01/31/2020	13:12
4	CAL4	0.05	1	100	100		2.05	0.000	0.037	0.037	01/31/2020	13:13
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	01/31/2020	13:14
6	CAL6	0.5	1	100	100		2.03	0.000	0.379	0.379	01/31/2020	13:15
7	CAL7	1	1	100	100		2.04	0.000	0.747	0.747	01/31/2020	13:16

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								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.06	0.000	0.385	0.385	0.513	01/31/2020	13:17
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	01/31/2020	13:18
3	CCV1	0.5	1	100	100		1.98	0.000	0.389	0.389	0.519	01/31/2020	13:19
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	01/31/2020	13:20
5	PB126504BL		1	2.53	100	7.02	2.10	0.000	0.000	0.000	-0.001	01/31/2020	13:21
6	PB126504BS	20	1	2.51	100	7.08	2.03	0.000	0.352	0.352	0.469	01/31/2020	13:22
7	L1325-01		1	2.53	100	7.04	2.02	0.026	0.027	0.001	0.000	01/31/2020	13:23
8	L1325-01DUP		1	2.52	100	7.06	2.04	0.025	0.027	0.002	0.001	01/31/2020	13:24
9	L1325-01MSPre	40	2	2.51	100	7.03	2.05	0.021	0.253	0.232	0.309	01/31/2020	13:25
10	L1325-01MS2Ins	1284	40	2.53	100	7.05	2.09	0.020	0.657	0.637	0.850	01/31/2020	13:26
11	L1325-01MS3Post	40	2	2.50	100	7.04	2.04	0.020	0.359	0.339	0.452	01/31/2020	13:27
12	L1325-03		1	2.51	100	7.09	2.03	0.015	0.016	0.001	0.000	01/31/2020	13:28
13	L1325-05		1	2.55	100	7.05	2.04	0.014	0.015	0.001	0.000	01/31/2020	13:29
14	L1325-07		1	2.52	100	7.04	2.05	0.014	0.016	0.002	0.001	01/31/2020	13:30
15	CCV2	0.5	1	100	100		2.08	0.000	0.384	0.384	0.512	01/31/2020	13:31
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	01/31/2020	13:32
17	L1325-09		1	2.53	100	7.07	2.04	0.013	0.014	0.001	0.000	01/31/2020	13:33
18	L1331-01		1	2.50	100	7.05	2.03	0.014	0.014	0.000	-0.001	01/31/2020	13:34
19	L1331-02		1	2.53	100	7.08	2.07	0.010	0.011	0.001	0.000	01/31/2020	13:35
20	L1331-03		1	2.52	100	7.04	2.09	0.011	0.011	0.000	-0.001	01/31/2020	13:36
21	L1333-05		1	2.53	100	7.09	2.07	0.025	0.027	0.002	0.001	01/31/2020	13:37
22	PB126521BL		1	2.53	100	7.04	2.04	0.000	0.000	0.000	-0.001	01/31/2020	13:38
23	PB126521BS	20	1	2.51	100	7.03	2.03	0.000	0.360	0.360	0.480	01/31/2020	13:39
24	L1318-01		1	2.53	100	7.05	2.04	0.052	0.053	0.001	0.000	01/31/2020	13:40
25	L1318-01DUP		1	2.52	100	7.04	2.02	0.051	0.053	0.002	0.001	01/31/2020	13:41
26	L1318-01MSPre	40	2	2.51	100	7.09	2.01	0.047	0.070	0.023	0.030	01/31/2020	13:42
27	CCV3	0.5	1	100	100		2.03	0.000	0.378	0.378	0.504	01/31/2020	13:43
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	-0.001	01/31/2020	13:44
29	L1318-01MS2Ins	1284	40	2.53	100	7.05	2.08	0.045	0.657	0.612	0.817	01/31/2020	13:45
30	L1318-01MS3Post	40	2	2.50	100	7.04	2.07	0.045	0.102	0.057	0.075	01/31/2020	13:46
31	L1318-02		1	2.51	100	7.05	2.05	0.030	0.031	0.001	0.000	01/31/2020	13:47
32	L1318-03		1	2.50	100	7.02	2.03	0.015	0.016	0.001	0.000	01/31/2020	13:48
33	L1318-07		1	2.52	100	7.01	2.04	0.007	0.008	0.001	0.000	01/31/2020	13:49
34	L1318-08		1	2.53	100	7.03	2.06	0.041	0.043	0.002	0.001	01/31/2020	13:50
35	L1318-09		1	2.50	100	7.08	2.04	0.012	0.013	0.001	0.000	01/31/2020	13:51
36	L1318-13		1	2.55	100	7.09	2.03	0.025	0.027	0.002	0.001	01/31/2020	13:52
37	L1318-14		1	2.52	100	7.04	2.07	0.015	0.016	0.001	0.000	01/31/2020	13:53
38	L1318-15		1	2.51	100	7.06	2.04	0.018	0.020	0.002	0.001	01/31/2020	13:54
39	CCV4	0.5	1	100	100		2.03	0.000	0.390	0.390	0.520	01/31/2020	13:55
40	CCB4		1	100	100		2.04	0.000	0.000	0.000	-0.001	01/31/2020	13:56