

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107331

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81478
Calibration STD Hexa Chrome 0.5 PPM	WP81479
Calibration Std. hexchrome 0.1 ppm	WP81480
Calibration Std. hexchrome 0.05 ppm	WP81481
calibration std. hexchrome 0.01 ppm	WP81482
calibration std. hexchrome 0 ppm	WP81483
Hexavalent Chromium ICV Std.	WP81484
Hexavalent Chromium CCV Std	WP81485
Hexavalent Chromium LCS Std	WP81487
hexavalent chromium color reagent	WP81390
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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	01/24/2020	13:35
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	01/24/2020	13:36
3	CAL3	0.025	1	100	100		2.04	0.000	0.020	0.020	01/24/2020	13:37
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	01/24/2020	13:38
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	01/24/2020	13:39
6	CAL6	0.5	1	100	100		2.07	0.000	0.399	0.399	01/24/2020	13:40
7	CAL7	1	1	100	100		2.03	0.000	0.800	0.800	01/24/2020	13:41

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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		2.02	0.000	0.379	0.379	0.474	01/24/2020	13:42
2	ICB		1	100	100		2.07	0.000	0.000	0.000	0.000	01/24/2020	13:43
3	CCV1	0.5	1	100	100		2.06	0.000	0.382	0.382	0.478	01/24/2020	13:44
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	01/24/2020	13:45
5	PB126324BL		1	2.52	100	7.04	2.04	0.000	0.000	0.000	0.000	01/24/2020	13:46
6	PB126324BS	20	1	2.50	100	7.02	2.03	0.003	0.359	0.356	0.445	01/24/2020	13:47
7	L1007-01		1	2.53	100	7.03	2.05	0.015	0.016	0.001	0.002	01/24/2020	13:48
8	L1007-01DUP		1	2.52	100	7.08	2.03	0.014	0.016	0.002	0.003	01/24/2020	13:49
9	L1007-01MSPre	40	2	2.51	100	7.04	2.04	0.012	0.115	0.103	0.129	01/24/2020	13:50
10	L1007-01MS2Ins	1284	40	2.53	100	7.09	2.08	0.011	0.655	0.644	0.805	01/24/2020	13:51
11	L1007-01MS3Post	40	2	2.54	100	7.04	2.09	0.011	0.281	0.270	0.338	01/24/2020	13:52
12	L1007-11		1	2.51	100	7.05	2.01	0.013	0.015	0.002	0.003	01/24/2020	13:53
13	L1007-19		1	2.55	100	7.06	2.03	0.010	0.012	0.002	0.003	01/24/2020	13:54
14	L1016-10		1	2.52	100	7.02	2.04	0.016	0.017	0.001	0.002	01/24/2020	13:55
15	CCV2	0.5	1	100	100		2.05	0.000	0.381	0.381	0.477	01/24/2020	13:56
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	01/24/2020	13:57
17	L1246-01		1	2.53	100	7.08	2.04	0.010	0.012	0.002	0.003	01/24/2020	13:58
18	L1246-03		1	2.50	100	7.03	2.06	0.006	0.007	0.001	0.002	01/24/2020	13:59
19	L1246-05		1	2.55	100	7.04	2.04	0.017	0.019	0.002	0.003	01/24/2020	14:02
20	L1247-05		1	2.52	100	7.06	2.03	0.013	0.015	0.002	0.003	01/24/2020	14:03
21	L1247-13		1	2.51	100	7.04	2.04	0.072	0.073	0.001	0.002	01/24/2020	14:04
22	L1247-21		1	2.53	100	7.09	2.04	0.024	0.026	0.002	0.003	01/24/2020	14:05
23	L1247-29		1	2.55	100	7.04	2.09	0.015	0.016	0.001	0.002	01/24/2020	14:06
24	L1247-37		1	2.50	100	7.04	2.04	0.012	0.014	0.002	0.003	01/24/2020	14:07
25	PB126327BL		1	2.53	100	7.05	2.03	0.000	0.000	0.000	0.000	01/24/2020	14:08
26	PB126327BS	20	1	2.52	100	7.07	2.04	0.002	0.362	0.360	0.450	01/24/2020	14:09
27	CCV3	0.5	1	100	100		2.06	0.000	0.389	0.389	0.487	01/24/2020	14:10
28	CCB3		1	100	100		2.02	0.000	0.000	0.000	0.000	01/24/2020	14:11
29	L1242-01		1	2.55	100	7.02	2.04	0.040	0.041	0.001	0.002	01/24/2020	14:12
30	L1242-01DUP		1	2.52	100	7.04	2.05	0.039	0.041	0.002	0.003	01/24/2020	14:13
31	L1242-01MSPre	40	2	2.51	100	7.04	2.03	0.032	0.110	0.078	0.098	01/24/2020	14:14
32	L1242-01MS2Ins	1284	40	2.53	100	7.08	2.04	0.029	0.658	0.629	0.787	01/24/2020	14:15
33	L1242-01MS3Post	40	2	2.50	100	7.05	2.03	0.030	0.215	0.185	0.232	01/24/2020	14:16
34	L1242-02		1	2.51	100	7.02	2.02	0.030	0.032	0.002	0.003	01/24/2020	14:17
35	L1242-03		1	2.55	100	7.04	2.04	0.050	0.052	0.002	0.003	01/24/2020	14:18
36	L1242-04		1	2.52	100	7.08	2.06	0.039	0.040	0.001	0.002	01/24/2020	14:19
37	L1242-05		1	2.53	100	7.07	2.04	0.022	0.023	0.001	0.002	01/24/2020	14:20
38	L1242-06		1	2.50	100	7.04	2.03	0.036	0.037	0.001	0.002	01/24/2020	14:20
39	CCV4	0.5	1	100	100		2.03	0.000	0.390	0.390	0.488	01/24/2020	14:22
40	CCB4		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	14:22
41	L1242-07		1	2.52	100	7.06	2.07	0.037	0.039	0.002	0.003	01/24/2020	14:23
42	L1242-08		1	2.50	100	7.04	2.05	0.064	0.065	0.001	0.002	01/24/2020	14:24

43	L1242-09		1	2.51	100	7.05	2.03	0.028	0.030	0.002	0.003	01/24/2020	14:25
44	L1242-10		1	2.53	100	7.04	2.01	0.025	0.027	0.002	0.003	01/24/2020	14:26
45	L1242-11		1	2.55	100	7.02	2.08	0.032	0.033	0.001	0.002	01/24/2020	14:27
46	L1242-12		1	2.50	100	7.06	2.04	0.036	0.038	0.002	0.003	01/24/2020	14:28
47	L1242-13		1	2.52	100	7.04	2.03	0.041	0.043	0.002	0.003	01/24/2020	14:29
48	L1242-14		1	2.50	100	7.02	2.04	0.022	0.023	0.001	0.002	01/24/2020	14:30
49	L1243-07		1	2.52	100	7.01	2.05	0.017	0.018	0.001	0.002	01/24/2020	14:31
50	L1243-08		1	2.54	100	7.04	2.07	0.015	0.016	0.001	0.002	01/24/2020	14:32
51	CCV5	0.5	1	100	100		2.06	0.000	0.385	0.385	0.482	01/24/2020	14:33
52	CCB5		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	14:34