

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107798

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP82198
Calibratation STD Hexa Chrome 0.5 PPM	WP82199
Calibration Std. hexchrome 0.1 ppm	WP82200
Calibration Std. hexchrome 0.05 ppm	WP82201
calibration std. hexchrome 0.01 ppm	WP82202
calibration std. hexchrome 0 ppm	WP82203
Hexavalent Chromium ICV Std.	WP82204
Hexavalent Chromium CCV Std	WP82205
Hexavalent Chromium LCS Std	WP82206
hexavalent chromium color reagent	WP82094
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP82207

Intercept: 0.0002

Slope: 0.7559

Regression: 0.999993

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		2.06	0.000	0.000	0.000	02/17/2020	12:40
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	02/17/2020	12:41
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	02/17/2020	12:42
4	CAL4	0.05	1	100	100		2.06	0.000	0.037	0.037	02/17/2020	12:43
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	02/17/2020	12:44
6	CAL6	0.5	1	100	100		2.03	0.000	0.378	0.378	02/17/2020	12:45
7	CAL7	1	1	100	100		2.08	0.000	0.756	0.756	02/17/2020	12:46

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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		2.03	0.000	0.388	0.388	0.513	02/17/2020	12:47
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	02/17/2020	12:48
3	CCV1	0.5	1	100	100		2.04	0.000	0.387	0.387	0.512	02/17/2020	12:49
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	02/17/2020	12:50
5	PB126831BL		1	2.52	100	7.04	2.03	0.000	0.000	0.000	0.000	02/17/2020	12:51
6	PB126831BS	20	1	2.51	100	7.06	2.06	0.000	0.353	0.353	0.467	02/17/2020	12:52
7	L1365-09		1	2.53	100	7.05	2.04	0.012	0.013	0.001	0.001	02/17/2020	12:53
8	L1365-10		1	2.52	100	7.08	2.08	0.020	0.022	0.002	0.002	02/17/2020	12:54
9	L1484-01		1	2.51	100	7.09	2.09	0.018	0.018	0.000	0.000	02/17/2020	12:55
10	L1484-01DUP		1	2.53	100	7.07	2.08	0.017	0.018	0.001	0.001	02/17/2020	12:56
11	L1484-01MSPre	40	2	2.50	100	7.05	2.04	0.014	0.122	0.108	0.143	02/17/2020	12:57
12	L1484-01MS2Ins	1284	40	2.51	100	7.04	2.06	0.013	0.655	0.642	0.849	02/17/2020	12:58
13	L1484-01MS3Post	40	2	2.50	100	7.06	2.04	0.013	0.205	0.192	0.254	02/17/2020	12:59
14	L1484-02		1	2.52	100	7.04	2.03	0.012	0.013	0.001	0.001	02/17/2020	13:01
15	CCV2	0.5	1	100	100		2.04	0.000	0.388	0.388	0.513	02/17/2020	13:02
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	02/17/2020	13:03
17	L1484-03		1	2.53	100	7.04	2.07	0.015	0.017	0.002	0.002	02/17/2020	13:04
18	L1544-01		1	2.50	100	7.06	2.06	0.006	0.006	0.000	0.000	02/17/2020	13:05
19	L1544-05		1	2.55	100	7.05	2.03	0.012	0.013	0.001	0.001	02/17/2020	13:06
20	L1545-01		1	2.52	100	7.02	2.02	0.005	0.005	0.000	0.000	02/17/2020	13:07
21	L1545-02		1	2.51	100	7.03	2.04	0.014	0.015	0.001	0.001	02/17/2020	13:08
22	L1548-01		1	2.53	100	7.04	2.06	0.106	0.108	0.002	0.002	02/17/2020	13:09
23	L1551-01		1	2.51	100	7.06	2.08	0.009	0.010	0.001	0.001	02/17/2020	13:10
24	L1551-03		1	2.50	100	7.04	2.07	0.013	0.014	0.001	0.001	02/17/2020	13:11
25	L1552-01		1	2.52	100	7.02	2.05	0.011	0.013	0.002	0.002	02/17/2020	13:12
26	L1552-03		1	2.50	100	7.04	2.06	0.005	0.006	0.001	0.001	02/17/2020	13:13
27	CCV3	0.5	1	100	100		2.04	0.000	0.386	0.386	0.510	02/17/2020	13:14
28	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	02/17/2020	13:15
29	PB126865BL		1	2.52	100	7.05	2.08	0.000	0.000	0.000	0.000	02/17/2020	13:16
30	PB126865BS	20	1	2.50	100	7.03	2.09	0.000	0.351	0.351	0.464	02/17/2020	13:17
31	L1547-01		1	2.53	100	7.02	2.04	0.062	0.063	0.001	0.001	02/17/2020	13:18
32	L1547-01DUP		1	2.52	100	7.04	2.03	0.061	0.063	0.002	0.002	02/17/2020	13:19
33	L1547-01MSPre	40	2	2.51	100	7.03	2.05	0.044	0.103	0.059	0.078	02/17/2020	13:20
34	L1547-01MS2Ins	1284	40	2.53	100	7.09	2.04	0.043	0.653	0.610	0.807	02/17/2020	13:21
35	L1547-01MS3Post	40	2	2.50	100	7.04	2.03	0.043	0.183	0.140	0.185	02/17/2020	13:22
36	L1547-02		1	2.51	100	7.05	2.05	0.018	0.019	0.001	0.001	02/17/2020	13:23
37	L1547-03		1	2.50	100	7.04	2.07	0.007	0.007	0.000	0.000	02/17/2020	13:24
38	L1547-07		1	2.52	100	7.06	2.06	0.010	0.011	0.001	0.001	02/17/2020	13:25
39	CCV4	0.5	1	100	100		2.04	0.000	0.384	0.384	0.508	02/17/2020	13:26
40	CCB4		1	100	100		2.02	0.000	0.000	0.000	0.000	02/17/2020	13:27
41	L1547-08		1	2.53	100	7.04	2.09	0.009	0.009	0.000	0.000	02/17/2020	13:28
42	L1547-09		1	2.50	100	7.02	2.07	0.010	0.010	0.000	0.000	02/17/2020	13:29

43	L1547-13		1	2.55	100	7.04	2.08	0.093	0.095	0.002	0.002	02/17/2020	13:30
44	L1547-14		1	2.52	100	7.03	2.03	0.015	0.016	0.001	0.001	02/17/2020	13:31
45	L1547-15		1	2.51	100	7.03	2.04	0.057	0.059	0.002	0.002	02/17/2020	13:32
46	L1547-22		1	2.53	100	7.04	2.04	0.045	0.046	0.001	0.001	02/17/2020	13:33
47	L1547-23		1	2.51	100	7.05	2.05	0.017	0.018	0.001	0.001	02/17/2020	13:34
48	L1547-24		1	2.50	100	7.03	2.03	0.016	0.017	0.001	0.001	02/17/2020	13:35
49	CCV5	0.5	1	100	100		2.07	0.000	0.387	0.387	0.512	02/17/2020	13:36
50	CCB5		1	100	100		2.09	0.000	0.000	0.000	0.000	02/17/2020	13:37