

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108207

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP82810
Calibration STD Hexa Chrome 0.5 PPM	WP82811
Calibration Std. hexchrome 0.1 ppm	WP82812
Calibration Std. hexchrome 0.05 ppm	WP82813
calibration std. hexchrome 0.01 ppm	WP82814
calibration std. hexchrome 0 ppm	WP82815
Hexavalent Chromium CCV Std	WP82817
hexavalent chromium color reagent	WP82730
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82818
Hexavalent Chromium ICV-LCS Std	WP82816

Intercept: 0.0005

Slope: 0.7559

Regression: 0.999984

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		2.07	0.000	0.000	0.000	03/11/2020	12:40
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	03/11/2020	12:41
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	03/11/2020	12:42
4	CAL4	0.05	1	100	100		2.06	0.000	0.037	0.037	03/11/2020	12:43
5	CAL5	0.1	1	100	100		2.04	0.000	0.078	0.078	03/11/2020	12:44
6	CAL6	0.5	1	100	100		2.02	0.000	0.381	0.381	03/11/2020	12:45
7	CAL7	1	1	100	100		2.05	0.000	0.755	0.755	03/11/2020	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		2.05	0.000	0.380	0.380	0.502	03/11/2020	12:47
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/11/2020	12:48
3	CCV1	0.5	1	100	100		2.06	0.000	0.378	0.378	0.499	03/11/2020	12:49
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/11/2020	12:50
5	PB127412BL		1	2.51	100	7.08	2.07	0.000	0.000	0.000	-0.001	03/11/2020	12:51
6	PB127412BS	20	1	2.50	100	7.05	2.09	0.000	0.357	0.357	0.472	03/11/2020	12:52
7	L1849-01		1	2.53	100	7.06	2.07	0.008	0.009	0.001	0.001	03/11/2020	12:53
8	L1849-01DUP		1	2.52	100	7.04	2.08	0.007	0.009	0.002	0.002	03/11/2020	12:54
9	L1849-01MSPre	40	2	2.51	100	7.03	2.06	0.005	0.085	0.080	0.105	03/11/2020	12:55
10	L1849-01MS2Ins	1284	40	2.53	100	7.09	2.04	0.004	0.658	0.654	0.865	03/11/2020	12:56
11	L1849-01MS3Post	40	2	2.50	100	7.07	2.06	0.004	0.125	0.121	0.159	03/11/2020	12:57
12	L1849-03		1	2.51	100	7.05	2.02	0.008	0.010	0.002	0.002	03/11/2020	12:58
13	L1852-03		1	2.50	100	7.09	2.04	0.002	0.003	0.001	0.001	03/11/2020	12:59
14	L1852-07		1	2.55	100	7.06	2.03	0.021	0.023	0.002	0.002	03/11/2020	13:01
15	CCV2	0.5	1	100	100		2.05	0.000	0.383	0.383	0.506	03/11/2020	13:02
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/11/2020	13:03
17	L1852-11		1	2.54	100	7.05	2.06	0.017	0.018	0.001	0.001	03/11/2020	13:04
18	L1852-15		1	2.52	100	7.04	2.04	0.022	0.024	0.002	0.002	03/11/2020	13:05
19	L1852-19		1	2.53	100	7.05	2.09	0.006	0.007	0.001	0.001	03/11/2020	13:06
20	L1852-23		1	2.52	100	7.02	2.07	0.002	0.002	0.000	-0.001	03/11/2020	13:07
21	PB127448BL		1	2.52	100	7.03	2.05	0.000	0.000	0.000	-0.001	03/11/2020	13:07
22	PB127448BS	20	1	2.50	100	7.04	2.06	0.000	0.353	0.353	0.466	03/11/2020	13:08
23	L1755-01		1	2.53	100	7.04	2.04	0.003	0.003	0.000	-0.001	03/11/2020	13:09
24	L1755-01DUP		1	2.52	100	7.03	2.06	0.002	0.003	0.001	0.001	03/11/2020	13:10
25	L1755-01MSPre	40	2	2.51	100	7.02	2.04	0.001	0.087	0.086	0.113	03/11/2020	13:11
26	L1755-01MS2Ins	1284	40	2.53	100	7.08	2.03	0.002	0.657	0.655	0.866	03/11/2020	13:12
27	CCV3	0.5	1	100	100		2.04	0.000	0.379	0.379	0.501	03/11/2020	13:13
28	CCB3		1	100	100		2.09	0.000	0.000	0.000	-0.001	03/11/2020	13:14
29	L1755-01MS3Post	40	2	2.50	100	7.09	2.08	0.001	0.120	0.119	0.157	03/11/2020	13:15
30	L1759-06		1	2.51	100	7.04	2.07	0.005	0.006	0.001	0.001	03/11/2020	13:16
31	L1859-02		1	2.50	100	7.07	2.04	0.007	0.009	0.002	0.002	03/11/2020	13:17
32	L1859-06		1	2.52	100	7.05	2.03	0.003	0.003	0.000	-0.001	03/11/2020	13:18
33	L1859-10		1	2.53	100	7.06	2.04	0.008	0.009	0.001	0.001	03/11/2020	13:19
34	L1864-01		1	2.52	100	7.06	2.05	0.004	0.004	0.000	-0.001	03/11/2020	13:20
35	L1864-04		1	2.55	100	7.01	2.08	0.003	0.003	0.000	-0.001	03/11/2020	13:21
36	L1864-07		1	2.52	100	7.03	2.07	0.005	0.006	0.001	0.001	03/11/2020	13:22
37	L1871-02		1	2.51	100	7.02	2.03	0.009	0.011	0.002	0.002	03/11/2020	13:23
38	L1871-06		1	2.53	100	7.08	2.02	0.010	0.011	0.001	0.001	03/11/2020	13:24
39	CCV4	0.5	1	100	100		2.06	0.000	0.381	0.381	0.503	03/11/2020	13:25
40	CCB4		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/11/2020	13:26
41	L1871-10		1	2.55	100	7.05	2.08	0.006	0.007	0.001	0.001	03/11/2020	13:27
42	L1871-14		1	2.50	100	7.06	2.07	0.025	0.027	0.002	0.002	03/11/2020	13:28

43	CCV5	0.5	1	100	100		2.06	0.000	0.383	0.383	0.506	03/11/2020	13:29
44	CCB5		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/11/2020	13:30