

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106342

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79893
Calibratation STD Hexa Chrome 0.5 PPM	WP79894
Calibration Std. hexchrome 0.1 ppm	WP79899
Calibration Std. hexchrome 0.05 ppm	WP79898
calibration std. hexchrome 0.01 ppm	WP79897
calibration std. hexchrome 0 ppm	WP79896
Hexavalent Chromium ICV Std.	WP79901
Hexavalent Chromium CCV Std	WP79900
Hexavalent Chromium LCS Std	WP79902
hexavalent chromium color reagent	WP79867
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79895

Intercept: -0.0005

Slope: 0.8011

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		2.10	0.000	0.000	0.000	11/16/2019	12:35
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	11/16/2019	12:35
3	CAL3	0.025	1	100	100		1.56	0.000	0.019	0.019	11/16/2019	12:36
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	11/16/2019	12:36
5	CAL5	0.1	1	100	100		1.65	0.000	0.080	0.080	11/16/2019	12:37
6	CAL6	0.5	1	100	100		2.10	0.000	0.399	0.399	11/16/2019	12:37
7	CAL7	1	1	100	100		1.60	0.000	0.801	0.801	11/16/2019	12:38

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106342

pH Meter ID: WC PH METER-1

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		2.10	0.000	0.389	0.389	0.486	11/16/2019	12:39
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.001	11/16/2019	12:39
3	CCV1	0.5	1	100	100		1.60	0.000	0.375	0.375	0.469	11/16/2019	12:40
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.001	11/16/2019	12:40
5	PB124870BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.001	11/16/2019	12:41
6	PB124870BS	20	1	2.51	100	7.15	2.05	0.000	0.379	0.379	0.474	11/16/2019	12:42
7	K5665-01		1	2.50	100	7.15	2.05	0.012	0.012	0.000	0.001	11/16/2019	12:42
8	K5665-01DUP		1	2.54	100	7.15	2.10	0.012	0.012	0.000	0.001	11/16/2019	12:43
9	K5665-01MSPre	40	2	2.52	100	7.85	1.60	0.012	0.369	0.357	0.446	11/16/2019	12:44
10	K5665-01MS2Ins	1284	40	2.53	100	7.25	1.60	0.012	0.655	0.643	0.803	11/16/2019	12:45
11	K5665-01MS3Post	40	2	2.54	100	7.85	1.60	0.012	0.395	0.383	0.479	11/16/2019	12:46
12	K5671-06		1	2.52	100	7.25	2.10	0.020	0.020	0.000	0.001	11/16/2019	12:46
13	K5676-16		1	2.50	100	7.12	1.56	0.023	0.023	0.000	0.001	11/16/2019	12:47
14	K5832-08		1	2.53	100	7.12	1.56	0.022	0.022	0.000	0.001	11/16/2019	12:47
15	CCV2	0.5	1	100	100		1.56	0.000	0.375	0.375	0.469	11/16/2019	12:48
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.001	11/16/2019	12:48
17	K5832-09		1	2.51	100	7.65	2.05	0.026	0.026	0.000	0.001	11/16/2019	12:49
18	K5832-10		1	2.50	100	7.12	2.01	0.029	0.029	0.000	0.001	11/16/2019	12:50
19	K5832-11		1	2.52	100	7.15	1.60	0.015	0.015	0.000	0.001	11/16/2019	12:50
20	K5832-12		1	2.53	100	7.15	2.10	0.016	0.016	0.000	0.001	11/16/2019	12:51
21	K5832-13		1	2.52	100	7.12	1.60	0.019	0.019	0.000	0.001	11/16/2019	12:51
22	K5832-14		1	2.54	100	7.50	1.65	0.016	0.016	0.000	0.001	11/16/2019	12:52
23	K5832-15		1	2.50	100	7.85	2.10	0.016	0.016	0.000	0.001	11/16/2019	12:53
24	K5863-05		1	2.53	100	7.25	1.60	0.019	0.019	0.000	0.001	11/16/2019	12:53
25	PB124886BL		1	2.50	100	7.12	2.10	0.000	0.000	0.000	0.001	11/16/2019	12:54
26	PB124886BS	20	1	2.52	100	7.85	1.60	0.000	0.389	0.389	0.486	11/16/2019	12:55
27	CCV3	0.5	1	100	100		1.56	0.000	0.387	0.387	0.484	11/16/2019	12:56
28	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.001	11/16/2019	12:56
29	K5669-01		1	2.50	100	7.65	2.10	0.016	0.016	0.000	0.001	11/16/2019	12:57
30	K5669-01DUP		1	2.51	100	7.15	2.10	0.023	0.023	0.000	0.001	11/16/2019	12:57
31	K5669-01MSPre	40	2	2.50	100	7.12	2.10	0.023	0.370	0.347	0.434	11/16/2019	12:57
32	K5669-01MS2Ins	1284	40	2.53	100	7.50	2.10	0.023	0.665	0.642	0.802	11/16/2019	12:58
33	K5669-01MS3Post	40	2	2.54	100	7.12	2.05	0.023	0.394	0.371	0.464	11/16/2019	12:58
34	K5832-16		1	2.52	100	7.50	2.10	0.017	0.017	0.000	0.001	11/16/2019	12:59
35	K5832-17		1	2.50	100	7.50	2.01	0.019	0.019	0.000	0.001	11/16/2019	13:00
36	K5832-18		1	2.53	100	7.12	2.10	0.019	0.019	0.000	0.001	11/16/2019	13:00
37	K5832-19		1	2.51	100	7.65	2.10	0.021	0.021	0.000	0.001	11/16/2019	13:01
38	K5832-20		1	2.50	100	7.12	1.60	0.021	0.021	0.000	0.001	11/16/2019	13:02
39	CCV4	0.5	1	100	100		2.10	0.000	0.378	0.378	0.472	11/16/2019	13:03
40	CCB4		1	100	100		1.60	0.000	0.000	0.000	0.001	11/16/2019	13:03
41	K5833-01		1	2.57	100	7.50	2.10	0.019	0.019	0.000	0.001	11/16/2019	13:04
42	K5833-02		1	2.54	100	7.65	2.10	0.025	0.025	0.000	0.001	11/16/2019	13:05

43	K5833-03		1	2.55	100	7.15	2.10	0.018	0.018	0.000	0.001	11/16/2019	13:06
44	K5833-04		1	2.54	100	7.15	1.60	0.024	0.024	0.000	0.001	11/16/2019	13:06
45	K5833-05		1	2.53	100	7.50	2.10	0.019	0.019	0.000	0.001	11/16/2019	13:07
46	K5833-06		1	2.51	100	7.25	1.60	0.018	0.018	0.000	0.001	11/16/2019	13:08
47	PB124888BL		1	2.50	100	7.15	2.10	0.000	0.000	0.000	0.001	11/16/2019	13:09
48	PB124888BS	20	1	2.52	100	7.12	1.56	0.000	0.384	0.384	0.480	11/16/2019	13:10
49	K5833-07		1	2.53	100	7.15	1.60	0.013	0.013	0.000	0.001	11/16/2019	13:11
50	K5833-07DUP		1	2.51	100	7.12	1.56	0.013	0.013	0.000	0.001	11/16/2019	13:11
51	CCV5	0.5	1	100	100		1.60	0.000	0.379	0.379	0.474	11/16/2019	13:12
52	CCB5		1	100	100		1.56	0.000	0.000	0.000	0.001	11/16/2019	13:13
53	K5833-07MSPre	40	2	2.50	100	7.25	2.10	0.013	0.371	0.358	0.448	11/16/2019	13:14
54	K5833-07MS2Ins	1284	40	2.53	100	7.85	1.65	0.013	0.652	0.639	0.798	11/16/2019	13:14
55	K5833-07MS3Post	40	2	2.54	100	7.15	2.10	0.013	0.396	0.383	0.479	11/16/2019	13:16
56	K5833-08		1	2.52	100	7.15	1.56	0.016	0.016	0.000	0.001	11/16/2019	13:16
57	K5833-09		1	2.50	100	7.12	2.10	0.017	0.017	0.000	0.001	11/16/2019	13:16
58	K5833-10		1	2.53	100	7.25	2.05	0.012	0.012	0.000	0.001	11/16/2019	13:17
59	K5833-12		1	2.51	100	7.50	1.65	0.019	0.019	0.000	0.001	11/16/2019	13:18
60	K5862-03		1	2.50	100	7.65	2.10	0.010	0.010	0.000	0.001	11/16/2019	13:18
61	K5865-01		1	2.54	100	7.25	2.10	0.015	0.015	0.000	0.001	11/16/2019	13:19
62	K5865-02		1	2.53	100	7.85	2.10	0.018	0.018	0.000	0.001	11/16/2019	13:19
63	CCV6	0.5	1	100	100		2.10	0.000	0.385	0.385	0.481	11/16/2019	13:20
64	CCB6		1	100	100		2.10	0.000	0.000	0.000	0.001	11/16/2019	13:20
65	K5865-03		1	2.50	100	7.50	2.05	0.017	0.017	0.000	0.001	11/16/2019	13:21
66	K5865-04		1	2.51	100	7.12	2.01	0.015	0.015	0.000	0.001	11/16/2019	13:21
67	K5865-05		1	2.53	100	7.15	2.10	0.019	0.019	0.000	0.001	11/16/2019	13:22
68	K5865-06		1	2.51	100	7.12	1.60	0.014	0.014	0.000	0.001	11/16/2019	13:23
69	CCV7	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	11/16/2019	13:23
70	CCB7		1	100	100		2.10	0.000	0.000	0.000	0.001	11/16/2019	13:24