

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105371

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78405
Calibratation STD Hexa Chrome 0.5 PPM	WP78406
Calibration Std. hexchrome 0.1 ppm	WP78411
Calibration Std. hexchrome 0.05 ppm	WP78410
calibration std. hexchrome 0.01 ppm	WP78409
calibration std. hexchrome 0 ppm	WP78408
Hexavalent Chromium ICV Std.	WP78413
Hexavalent Chromium CCV Std	WP78412
Hexavalent Chromium LCS Std	WP78414
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78407

Intercept: -0.0002

Slope: 0.8006

Regression: 0.999997

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	09/28/2019	12:32
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/28/2019	12:32
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	09/28/2019	12:33
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	09/28/2019	12:34
5	CAL5	0.1	1	100	100		2.01	0.000	0.081	0.081	09/28/2019	12:34
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	09/28/2019	12:35
7	CAL7	1	1	100	100		1.56	0.000	0.801	0.801	09/28/2019	12:36

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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		2.10	0.000	0.389	0.389	0.486	09/28/2019	12:36
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/28/2019	12:37
3	CCV1	0.5	1	100	100		1.60	0.000	0.375	0.375	0.469	09/28/2019	12:38
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	0.000	09/28/2019	12:38
5	PB123472BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	09/28/2019	12:39
6	PB123472BS	20	1	2.53	100	7.12	2.05	0.000	0.381	0.381	0.476	09/28/2019	12:40
7	K5074-01		1	2.53	100	7.50	2.10	0.033	0.033	0.000	0.000	09/28/2019	12:40
8	K5074-02		1	2.51	100	7.85	1.65	0.031	0.031	0.000	0.000	09/28/2019	12:41
9	K5074-03		1	2.50	100	7.50	1.56	0.026	0.026	0.000	0.000	09/28/2019	12:42
10	K5074-04		1	2.50	100	7.85	1.60	0.028	0.028	0.000	0.000	09/28/2019	12:42
11	K5074-05		1	2.54	100	7.85	2.00	0.019	0.019	0.000	0.000	09/28/2019	12:43
12	K5074-06		1	2.52	100	7.65	1.65	0.016	0.016	0.000	0.000	09/28/2019	12:43
13	K5074-07		1	2.50	100	7.65	2.10	0.028	0.028	0.000	0.000	09/28/2019	12:44
14	K5074-08		1	2.53	100	7.15	1.56	0.061	0.061	0.000	0.000	09/28/2019	12:45
15	CCV2	0.5	1	100	100		2.10	0.000	0.389	0.389	0.486	09/28/2019	12:45
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	09/28/2019	12:46
17	K5074-09		1	2.51	100	7.85	1.60	0.016	0.016	0.000	0.000	09/28/2019	12:47
18	K5074-09DUP		1	2.50	100	7.12	2.05	0.016	0.016	0.000	0.000	09/28/2019	12:47
19	K5074-10MSPre	40	2	2.57	100	7.12	2.01	0.016	0.368	0.352	0.440	09/28/2019	12:48
20	K5074-10MS2Ins	1284	40	2.52	100	7.15	1.60	0.016	0.675	0.659	0.823	09/28/2019	12:49
21	K5074-10MS3Post	40	2	2.55	100	7.85	2.05	0.016	0.391	0.375	0.469	09/28/2019	12:50
22	K5074-12		1	2.55	100	7.65	2.10	0.029	0.029	0.000	0.000	09/28/2019	12:51
23	K5074-13		1	2.51	100	7.50	1.65	0.024	0.024	0.000	0.000	09/28/2019	12:52
24	K5074-14		1	2.55	100	7.15	1.60	0.035	0.035	0.000	0.000	09/28/2019	12:52
25	PB123473BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	09/28/2019	12:53
26	PB123473BS	20	1	2.50	100	7.15	1.56	0.000	0.379	0.379	0.474	09/28/2019	12:53
27	CCV3	0.5	1	100	100		2.05	0.000	0.389	0.389	0.486	09/28/2019	12:54
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	09/28/2019	12:55
29	K4668-16		1	2.53	100	7.50	1.60	0.012	0.012	0.000	0.000	09/28/2019	12:55
30	K4668-16DUP		1	2.51	100	7.25	2.10	0.012	0.012	0.000	0.000	09/28/2019	12:56
31	K4668-16MSPre	40	2	2.50	100	7.85	1.60	0.012	0.368	0.356	0.445	09/28/2019	12:57
32	K4668-16MS2Ins	1284	40	2.50	100	7.12	2.05	0.012	0.668	0.656	0.820	09/28/2019	12:57
33	K4668-16MS3Post	40	2	2.54	100	7.65	1.65	0.012	0.388	0.376	0.470	09/28/2019	12:58
34	K5060-01		1	2.52	100	7.50	2.10	0.016	0.016	0.000	0.000	09/28/2019	12:59
35	K5083-01		1	2.54	100	7.12	1.56	0.020	0.020	0.000	0.000	09/28/2019	12:59
36	K5083-02		1	2.55	100	7.50	1.98	0.024	0.024	0.000	0.000	09/28/2019	13:00
37	K5083-03		1	2.53	100	7.25	2.00	0.027	0.027	0.000	0.000	09/28/2019	13:00
38	K5083-04		1	2.59	100	7.15	2.02	0.029	0.029	0.000	0.000	09/28/2019	13:01
39	CCV4	0.5	1	100	100		2.04	0.000	0.379	0.379	0.474	09/28/2019	13:02
40	CCB4		1	100	100		2.06	0.000	0.000	0.000	0.000	09/28/2019	13:02
41	K5083-05		1	2.50	100	7.15	2.02	0.028	0.028	0.000	0.000	09/28/2019	13:03
42	K5083-06		1	2.50	100	7.85	2.10	0.029	0.029	0.000	0.000	09/28/2019	13:04

43	K5083-07		1	2.54	100	7.12	2.10	0.024	0.024	0.000	0.000	09/28/2019	13:05
44	K5083-08		1	2.55	100	7.25	2.10	0.021	0.021	0.000	0.000	09/28/2019	13:05
45	CCV5	0.5	1	100	100		2.10	0.000	0.385	0.385	0.481	09/28/2019	13:06
46	CCB5		1	100	100		1.65	0.000	0.000	0.000	0.000	09/28/2019	13:06