

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104447

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77119
Calibratation STD Hexa Chrome 0.5 PPM	WP77120
Calibration Std. hexchrome 0.1 ppm	WP77125
Calibration Std. hexchrome 0.05 ppm	WP77124
calibration std. hexchrome 0.01 ppm	WP77123
calibration std. hexchrome 0 ppm	WP77122
Hexavalent Chromium ICV Std.	WP77127
Hexavalent Chromium CCV Std	WP77126
Hexavalent Chromium LCS Std	WP77128
hexavalent chromium color reagent	WP77016
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77121

Intercept: 0.0001

Slope: 0.7994

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	08/06/2019	11:30
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	08/06/2019	11:31
3	CAL3	0.025	1	100	100		2.01	0.000	0.020	0.020	08/06/2019	11:31
4	CAL4	0.05	1	100	100		1.56	0.000	0.040	0.040	08/06/2019	11:32
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	08/06/2019	11:32
6	CAL6	0.5	1	100	100		1.60	0.000	0.401	0.401	08/06/2019	11:33
7	CAL7	1	1	100	100		1.56	0.000	0.799	0.799	08/06/2019	11:33

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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	0.408	0.408	0.510	08/06/2019	13:15
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	08/06/2019	13:15
3	CCV1	0.5	1	100	100		2.10	0.000	0.399	0.399	0.499	08/06/2019	13:30
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	08/06/2019	13:31
5	PB122014BL		1	2.52	100	7.12	2.01	0.000	0.000	0.000	0.000	08/06/2019	13:31
6	PB122014BS	20	1	2.53	100	7.12	2.05	0.000	0.378	0.378	0.473	08/06/2019	13:32
7	K4154-01		1	2.53	100	7.25	1.56	0.061	0.061	0.000	0.000	08/06/2019	13:33
8	K4154-02		1	2.51	100	7.85	1.56	0.058	0.058	0.000	0.000	08/06/2019	13:33
9	K4154-03		1	2.50	100	7.15	2.10	0.047	0.047	0.000	0.000	08/06/2019	13:33
10	K4154-04		1	2.54	100	7.50	1.56	0.032	0.032	0.000	0.000	08/06/2019	13:34
11	K4154-05		1	2.54	100	7.65	1.60	0.041	0.041	0.000	0.000	08/06/2019	13:35
12	K4154-06		1	2.52	100	7.12	2.10	0.040	0.040	0.000	0.000	08/06/2019	13:36
13	K4154-07		1	2.50	100	7.85	1.56	0.037	0.037	0.000	0.000	08/06/2019	13:37
14	K4154-08		1	2.52	100	7.85	1.56	0.034	0.034	0.000	0.000	08/06/2019	13:38
15	CCV2	0.5	1	100	100		2.05	0.000	0.398	0.398	0.498	08/06/2019	13:40
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	08/06/2019	13:41
17	K4154-09		1	2.51	100	7.15	2.01	0.043	0.043	0.000	0.000	08/06/2019	13:42
18	K4154-10		1	2.50	100	7.50	2.10	0.077	0.077	0.000	0.000	08/06/2019	13:43
19	K4158-01		1	2.51	100	7.85	1.65	0.061	0.061	0.000	0.000	08/06/2019	13:44
20	K4162-01		1	2.53	100	7.12	1.60	0.022	0.022	0.000	0.000	08/06/2019	13:45
21	K4162-01DUP		1	2.52	100	7.12	1.65	0.022	0.022	0.000	0.000	08/06/2019	13:45
22	K4162-01MSPre	40	2	2.51	100	7.65	2.05	0.022	0.373	0.351	0.439	08/06/2019	13:46
23	K4162-01MS2Ins	1284	40	2.53	100	7.12	2.01	0.022	0.682	0.660	0.825	08/06/2019	13:47
24	K4162-01MS3Post	40	2	2.51	100	7.25	1.65	0.022	0.412	0.390	0.488	08/06/2019	13:48
25	K4162-04		1	2.55	100	7.50	2.10	0.033	0.033	0.000	0.000	08/06/2019	13:49
26	K4164-01		1	2.55	100	7.25	2.05	0.017	0.017	0.000	0.000	08/06/2019	13:50
27	CCV3	0.5	1	100	100		1.60	0.000	0.399	0.399	0.499	08/06/2019	13:51
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	08/06/2019	13:52
29	K4164-04		1	2.50	100	7.65	1.56	0.019	0.019	0.000	0.000	08/06/2019	13:52
30	CCV4	0.5	1	100	100		2.05	0.000	0.400	0.400	0.500	08/06/2019	13:53
31	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	08/06/2019	13:54