

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106002

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79411
Calibratation STD Hexa Chrome 0.5 PPM	WP79412
Calibration Std. hexchrome 0.1 ppm	WP79417
Calibration Std. hexchrome 0.05 ppm	WP79416
calibration std. hexchrome 0.01 ppm	WP79415
calibration std. hexchrome 0 ppm	WP79414
Hexavalent Chromium ICV Std.	WP79419
Hexavalent Chromium CCV Std	WP79418
Hexavalent Chromium LCS Std	WP79420
hexavalent chromium color reagent	WP79393
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79413

Intercept: -0.0004

Slope: 0.8001

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	10/29/2019	13:50
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/29/2019	13:50
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	10/29/2019	13:51
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	10/29/2019	13:52
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	10/29/2019	13:52
6	CAL6	0.5	1	100	100		2.10	0.000	0.399	0.399	10/29/2019	13:54
7	CAL7	1	1	100	100		1.60	0.000	0.800	0.800	10/29/2019	13:54

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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	0.384	0.384	0.480	10/29/2019	14:30
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	10/29/2019	14:30
3	CCV1	0.5	1	100	100		2.10	0.000	0.379	0.379	0.474	10/29/2019	14:31
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	10/29/2019	14:32
5	PB124390BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.000	10/29/2019	14:32
6	PB124390BS	20	1	2.50	100	7.15	1.65	0.000	0.379	0.379	0.474	10/29/2019	14:33
7	K5149-07		1	2.53	100	7.85	2.10	0.011	0.011	0.000	0.000	10/29/2019	14:34
8	K5541-11		1	2.51	100	7.85	2.10	0.014	0.014	0.000	0.000	10/29/2019	14:35
9	K5541-11DUP		1	2.50	100	7.50	2.10	0.014	0.014	0.000	0.000	10/29/2019	14:35
10	K5541-11MSPre	40	2	2.50	100	7.25	2.05	0.014	0.375	0.361	0.452	10/29/2019	14:35
11	K5541-11MS2Ins	1284	40	2.54	100	7.12	1.65	0.014	0.659	0.645	0.807	10/29/2019	14:36
12	K5541-11MS3Post	40	2	2.52	100	7.15	2.10	0.014	0.394	0.380	0.475	10/29/2019	14:36
13	K5541-13		1	2.51	100	7.25	1.56	0.019	0.019	0.000	0.000	10/29/2019	14:37
14	K5541-15		1	2.53	100	7.12	2.10	0.019	0.019	0.000	0.000	10/29/2019	14:37
15	CCV2	0.5	1	100	100		2.10	0.000	0.379	0.379	0.474	10/29/2019	14:39
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	10/29/2019	14:39
17	K5541-17		1	2.51	100	7.25	1.60	0.014	0.014	0.000	0.000	10/29/2019	14:40
18	K5541-19		1	2.53	100	7.12	2.05	0.012	0.012	0.000	0.000	10/29/2019	14:40
19	K5542-01		1	2.51	100	7.12	1.60	0.021	0.021	0.000	0.000	10/29/2019	14:41
20	K5542-03		1	2.54	100	7.65	1.60	0.026	0.026	0.000	0.000	10/29/2019	14:41
21	K5542-05		1	2.52	100	7.12	1.60	0.015	0.015	0.000	0.000	10/29/2019	14:43
22	K5542-07		1	2.51	100	7.12	1.56	0.019	0.019	0.000	0.000	10/29/2019	14:44
23	K5542-09		1	2.54	100	7.85	1.60	0.019	0.019	0.000	0.000	10/29/2019	14:45
24	K5542-11		1	2.50	100	7.15	2.10	0.017	0.017	0.000	0.000	10/29/2019	14:46
25	K5542-13		1	2.50	100	7.12	1.60	0.019	0.019	0.000	0.000	10/29/2019	14:46
26	K5542-15		1	2.53	100	7.12	2.00	0.018	0.018	0.000	0.000	10/29/2019	14:47
27	CCV3	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	10/29/2019	14:47
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	10/29/2019	14:48
29	K5542-17		1	2.50	100	7.85	2.05	0.015	0.015	0.000	0.000	10/29/2019	14:48
30	CCV4	0.5	1	100	100		2.10	0.000	0.378	0.378	0.473	10/29/2019	14:49
31	CCB4		1	100	100		1.56	0.000	0.000	0.000	0.000	10/29/2019	14:49