

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105390

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78423
Calibratation STD Hexa Chrome 0.5 PPM	WP78424
Calibration Std. hexchrome 0.1 ppm	WP78429
Calibration Std. hexchrome 0.05 ppm	WP78428
calibration std. hexchrome 0.01 ppm	WP78427
calibration std. hexchrome 0 ppm	WP78426
Hexavalent Chromium ICV Std.	WP78431
Hexavalent Chromium CCV Std	WP78430
Hexavalent Chromium LCS Std	WP78432
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78425

Intercept: -0

Slope: 0.7989

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	09/30/2019	14:25
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/30/2019	14:25
3	CAL3	0.025	1	100	100		1.65	0.000	0.020	0.020	09/30/2019	14:26
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	09/30/2019	14:26
5	CAL5	0.1	1	100	100		2.05	0.000	0.081	0.081	09/30/2019	14:27
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	09/30/2019	14:28
7	CAL7	1	1	100	100		2.10	0.000	0.799	0.799	09/30/2019	14:28

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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	0.487	09/30/2019	14:29
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/30/2019	14:29
3	CCV1	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	09/30/2019	14:30
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	09/30/2019	14:30
5	PB123478BL		1	2.52	100	7.12	1.65	0.000	0.000	0.000	0.000	09/30/2019	14:31
6	PB123478BS	20	1	2.50	100	7.12	1.60	0.000	0.378	0.378	0.473	09/30/2019	14:32
7	K5075-01		1	2.53	100	7.15	2.01	0.019	0.019	0.000	0.000	09/30/2019	14:32
8	K5075-02		1	2.51	100	7.50	2.10	0.022	0.022	0.000	0.000	09/30/2019	14:33
9	K5075-03		1	2.50	100	7.85	2.05	0.027	0.289	0.262	0.328	09/30/2019	14:34
10	K5075-04		1	2.50	100	7.85	1.56	0.045	0.045	0.000	0.000	09/30/2019	14:34
11	K5075-05		1	2.54	100	7.25	2.10	0.037	0.037	0.000	0.000	09/30/2019	14:35
12	K5075-06		1	2.52	100	7.25	1.56	0.027	0.027	0.000	0.000	09/30/2019	14:35
13	K5075-07		1	2.50	100	7.65	2.05	0.040	0.040	0.000	0.000	09/30/2019	14:36
14	K5075-08		1	2.53	100	7.12	1.56	0.034	0.084	0.050	0.063	09/30/2019	14:36
15	CCV2	0.5	1	100	100		2.10	0.000	0.378	0.378	0.473	09/30/2019	14:37
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	09/30/2019	14:38
17	K5075-09		1	2.51	100	7.15	2.05	0.029	0.029	0.000	0.000	09/30/2019	14:38
18	K5075-10		1	2.50	100	7.25	1.60	0.019	0.019	0.000	0.000	09/30/2019	14:39
19	K5075-11		1	2.51	100	7.50	1.65	0.032	0.032	0.000	0.000	09/30/2019	14:39
20	K5075-12		1	2.50	100	7.50	1.56	0.035	0.035	0.000	0.000	09/30/2019	14:40
21	K5075-13		1	2.54	100	7.12	1.60	0.021	0.021	0.000	0.000	09/30/2019	14:41
22	K5075-14		1	2.54	100	7.25	2.00	0.027	0.027	0.000	0.000	09/30/2019	14:41
23	K5075-14DUP		1	2.53	100	7.12	1.65	0.027	0.027	0.000	0.000	09/30/2019	14:42
24	K5075-15MSPre	40	2	2.55	100	7.15	2.10	0.027	0.370	0.343	0.429	09/30/2019	14:43
25	K5075-15MS2Ins	1284	40	2.50	100	7.15	2.10	0.027	0.665	0.638	0.799	09/30/2019	14:43
26	K5075-15MS3Post	40	2	2.55	100	7.25	1.60	0.027	0.395	0.368	0.461	09/30/2019	14:44
27	CCV3	0.5	1	100	100		1.60	0.000	0.389	0.389	0.487	09/30/2019	14:45
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	09/30/2019	14:45
29	K5075-17		1	2.50	100	7.85	1.56	0.032	0.032	0.000	0.000	09/30/2019	14:46
30	CCV4	0.5	1	100	100		1.60	0.000	0.385	0.385	0.482	09/30/2019	14:47
31	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	09/30/2019	14:49