

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105091

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77958
Calibratation STD Hexa Chrome 0.5 PPM	WP77959
Calibration Std. hexchrome 0.1 ppm	WP77964
Calibration Std. hexchrome 0.05 ppm	WP77963
calibration std. hexchrome 0.01 ppm	WP77962
calibration std. hexchrome 0 ppm	WP77961
Hexavalent Chromium ICV Std.	WP77966
Hexavalent Chromium CCV Std	WP77965
Hexavalent Chromium LCS Std	WP77967
hexavalent chromium color reagent	WP77968
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77960

Intercept: 0.0002

Slope: 0.799

Regression: 0.999992

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	09/12/2019	11:15
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/12/2019	11:15
3	CAL3	0.025	1	100	100		1.65	0.000	0.019	0.019	09/12/2019	11:16
4	CAL4	0.05	1	100	100		1.65	0.000	0.042	0.042	09/12/2019	11:16
5	CAL5	0.1	1	100	100		2.05	0.000	0.081	0.081	09/12/2019	11:16
6	CAL6	0.5	1	100	100		2.01	0.000	0.398	0.398	09/12/2019	11:17
7	CAL7	1	1	100	100		1.60	0.000	0.800	0.800	09/12/2019	11:18

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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	0.381	0.381	0.477	09/12/2019	11:19
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	09/12/2019	11:20
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.489	09/12/2019	11:21
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	09/12/2019	11:22
5	PB123018BL		1	2.52	100	7.12	1.96	0.000	0.000	0.000	0.000	09/12/2019	11:23
6	PB123018BS	20	1	2.52	100	7.50	1.60	0.000	0.375	0.375	0.469	09/12/2019	11:24
7	K4663-04		1	2.53	100	7.65	2.05	0.017	0.017	0.000	0.000	09/12/2019	11:25
8	K4806-01		1	2.51	100	7.25	1.56	0.047	0.047	0.000	0.000	09/12/2019	11:26
9	K4819-03		1	2.50	100	7.85	2.01	0.045	0.045	0.000	0.000	09/12/2019	11:27
10	K4819-03DUP		1	2.50	100	7.50	2.10	0.045	0.045	0.000	0.000	09/12/2019	11:27
11	K4819-03MSPre	40	2	2.54	100	7.15	1.56	0.045	0.397	0.352	0.440	09/12/2019	11:28
12	K4819-03MS2Ins	1284	40	2.52	100	7.12	1.60	0.045	0.710	0.665	0.832	09/12/2019	11:29
13	K4819-03MS3Post	40	2	2.55	100	7.85	2.05	0.045	0.436	0.391	0.489	09/12/2019	11:30
14	K4819-07		1	2.52	100	7.50	2.00	0.039	0.039	0.000	0.000	09/12/2019	11:30
15	CCV2	0.5	1	100	100		1.56	0.000	0.378	0.378	0.473	09/12/2019	11:31
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	09/12/2019	11:32
17	K4819-11		1	2.51	100	7.15	1.56	0.041	0.041	0.000	0.000	09/12/2019	11:32
18	K4837-01		1	2.52	100	7.12	2.01	0.035	0.035	0.000	0.000	09/12/2019	11:33
19	K4850-01		1	2.51	100	7.25	1.65	0.022	0.022	0.000	0.000	09/12/2019	11:34
20	K4850-02		1	2.50	100	7.15	2.01	0.021	0.021	0.000	0.000	09/12/2019	11:35
21	K4850-03		1	2.54	100	7.50	1.60	0.019	0.019	0.000	0.000	09/12/2019	11:35
22	K4850-04		1	2.50	100	7.50	2.10	0.017	0.017	0.000	0.000	09/12/2019	11:36
23	CCV3	0.5	1	100	100		1.56	0.000	0.371	0.371	0.464	09/12/2019	11:37
24	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	09/12/2019	11:38