

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106913

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80775
Calibratation STD Hexa Chrome 0.5 PPM	WP80776
Calibration Std. hexchrome 0.1 ppm	WP80781
Calibration Std. hexchrome 0.05 ppm	WP80780
calibration std. hexchrome 0.01 ppm	WP80779
calibration std. hexchrome 0 ppm	WP80778
Hexavalent Chromium ICV Std.	WP80783
Hexavalent Chromium CCV Std	WP80782
Hexavalent Chromium LCS Std	WP80784
hexavalent chromium color reagent	WP80785
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80777

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	12/24/2019	13:30
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	12/24/2019	13:31
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	12/24/2019	13:32
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	12/24/2019	13:33
5	CAL5	0.1	1	100	100		2.02	0.000	0.079	0.079	12/24/2019	13:34
6	CAL6	0.5	1	100	100		2.06	0.000	0.399	0.399	12/24/2019	13:35
7	CAL7	1	1	100	100		2.07	0.000	0.800	0.800	12/24/2019	13:36

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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		1.98	0.000	0.385	0.385	0.482	12/24/2019	13:37
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	12/24/2019	13:38
3	CCV1	0.5	1	100	100		2.06	0.000	0.378	0.378	0.473	12/24/2019	13:39
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	12/24/2019	13:40
5	PB125709BL		1	2.54	100	7.03	2.01	0.000	0.000	0.000	0.000	12/24/2019	13:41
6	PB125709BS	20	1	2.52	100	7.04	1.97	0.002	0.351	0.349	0.437	12/24/2019	13:42
7	K6118-10		1	2.53	100	7.05	2.06	0.019	0.020	0.001	0.002	12/24/2019	13:43
8	K6118-10DUP		1	2.52	100	7.07	2.08	0.018	0.019	0.001	0.002	12/24/2019	13:44
9	K6118-10MSPre	40	2	2.51	100	7.09	2.09	0.012	0.216	0.204	0.255	12/24/2019	13:45
10	K6118-10MS2Ins	1284	40	2.52	100	7.06	2.02	0.004	0.652	0.648	0.810	12/24/2019	13:46
11	K6118-10MS3Post	40	2	2.50	100	7.02	2.04	0.011	0.391	0.380	0.475	12/24/2019	13:47
12	K6413-06		1	2.51	100	7.10	2.06	0.004	0.006	0.002	0.003	12/24/2019	13:48
13	K6413-07		1	2.55	100	7.08	2.04	0.008	0.009	0.001	0.002	12/24/2019	13:49
14	K6413-13		1	2.52	100	7.09	2.07	0.009	0.010	0.001	0.002	12/24/2019	13:50
15	CCV2	0.5	1	100	100		2.06	0.000	0.379	0.379	0.474	12/24/2019	13:51
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	12/24/2019	13:52
17	K6414-07		1	2.55	100	7.06	2.03	0.010	0.012	0.002	0.003	12/24/2019	13:53
18	K6414-08		1	2.53	100	7.08	2.04	0.022	0.023	0.001	0.002	12/24/2019	13:54
19	CCV3	0.5	1	100	100		2.06	0.000	0.389	0.389	0.487	12/24/2019	13:55
20	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	12/24/2019	13:56