

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB104227

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP76736
Calibratation STD Hexa Chrome 0.5 PPM	WP76737
Calibration Std. hexchrome 0.1 ppm	WP76738
Calibration Std. hexchrome 0.05 ppm	WP76739
calibration std. hexchrome 0.01 ppm	WP76740
calibration std. hexchrome 0 ppm	WP76742
Hexavalent Chromium ICV Std.	WP76743
Hexavalent Chromium CCV Std	WP76744
Hexavalent Chromium LCS Std	WP76745
hexavalent chromium color reagent	WP76583
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP76741

Intercept: 0.0003

Slope: 0.8005

Regression: 0.999999

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	07/25/2019	12:15
2	CAL2	0.01	1	100	100		2.12	0.000	0.008	0.008	07/25/2019	12:16
3	CAL3	0.025	1	100	100		1.60	0.000	0.021	0.021	07/25/2019	12:17
4	CAL4	0.05	1	100	100		2.05	0.000	0.040	0.040	07/25/2019	12:18
5	CAL5	0.1	1	100	100		2.01	0.000	0.081	0.081	07/25/2019	12:19
6	CAL6	0.5	1	100	100		1.60	0.000	0.400	0.400	07/25/2019	12:20
7	CAL7	1	1	100	100		2.11	0.000	0.801	0.801	07/25/2019	12:21

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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		1.65	0.000	0.410	0.410	0.512	07/25/2019	12:31
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	07/25/2019	12:32
3	CCV1	0.5	1	100	100		2.01	0.000	0.402	0.402	0.502	07/25/2019	12:33
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	07/25/2019	12:34
5	PB121721BL		1	2.52	100	7.25	1.60	0.000	0.000	0.000	0.000	07/25/2019	12:35
6	PB121721BS	20	1	2.55	100	7.65	1.56	0.000	0.380	0.380	0.474	07/25/2019	12:36
7	K3614-01		1	2.53	100	7.15	2.11	0.030	0.030	0.000	0.000	07/25/2019	12:37
8	K3614-01DUP		1	2.51	100	7.85	1.66	0.030	0.030	0.000	0.000	07/25/2019	12:38
9	K3614-01MSPre	40	2	2.50	100	7.50	1.62	0.030	0.372	0.342	0.427	07/25/2019	12:39
10	K3614-01MS2Ins	1284	40	2.50	100	7.15	1.66	0.030	0.682	0.652	0.814	07/25/2019	12:40
11	K3614-01MS3Post	40	2	2.51	100	7.25	1.56	0.030	0.398	0.368	0.459	07/25/2019	12:41
12	K3961-03		1	2.50	100	7.65	2.05	0.011	0.011	0.000	0.000	07/25/2019	12:42
13	K3983-01		1	2.51	100	7.15	1.68	0.030	0.030	0.000	0.000	07/25/2019	12:43
14	K3983-02		1	2.53	100	7.69	1.60	0.026	0.026	0.000	0.000	07/25/2019	12:44
15	CCV2	0.5	1	100	100		2.05	0.000	0.400	0.400	0.499	07/25/2019	12:46
16	CCB2		1	100	100		1.58	0.000	0.000	0.000	0.000	07/25/2019	12:47
17	K3983-03		1	2.55	100	7.15	1.58	0.025	0.025	0.000	0.000	07/25/2019	12:48
18	K3983-04		1	2.52	100	7.66	1.60	0.059	0.059	0.000	0.000	07/25/2019	12:49
19	K3983-05		1	2.51	100	7.12	1.56	0.024	0.024	0.000	0.000	07/25/2019	12:50
20	CCV3	0.5	1	100	100		2.12	0.000	0.399	0.399	0.498	07/25/2019	12:51
21	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	07/25/2019	12:52