

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102820

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP74806
Calibration Std. hexchrome 0.05 ppm	WP74805
Hexavalent Chromium LCS Std	WP74809
Calibratation STD HexaChrome 1 PPM	WP74800
Calibratation STD Hexa Chrome 0.5 PPM	WP74801
calibration std. hexchrome 0.01 ppm	WP74804
calibration std. hexchrome 0 ppm	WP74803
Hexavalent Chromium ICV Std.	WP74808
Hexavalent Chromium CCV Std	WP74807
hexavalent chromium color reagent	WP74810
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP74802

Intercept: 0.0005

Slope: 0.7719

Regression: 0.999984

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		1.80	0.000	0.000	0.000	05/17/2019	12:00
2	CAL2	0.01	1	100	100		2.06	0.000	0.007	0.007	05/17/2019	11:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	05/17/2019	11:02
4	CAL4	0.05	1	100	100		1.60	0.000	0.040	0.040	05/17/2019	11:02
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	05/17/2019	11:03
6	CAL6	0.5	1	100	100		1.98	0.000	0.389	0.389	05/17/2019	11:03
7	CAL7	1	1	100	100		2.07	0.000	0.771	0.771	05/17/2019	11:04



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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		1.59	0.000	0.390	0.390	0.505	05/17/2019	12:00
2	ICB		1	100	100		1.89	0.000	0.000	0.000	-0.001	05/17/2019	12:00
3	CCV1	0.5	1	100	100		2.28	0.000	0.392	0.392	0.507	05/17/2019	12:01
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	-0.001	05/17/2019	12:01
5	LB102820BL		1	100	100		1.75	0.000	0.000	0.000	-0.001	05/17/2019	12:02
6	LB102820BS	0.5	1	100	100		2.10	0.004	0.403	0.399	0.516	05/17/2019	12:02
7	K2909-01		1	100	100		1.77	0.003	0.003	0.000	-0.001	05/17/2019	12:03
8	K2909-01DUP		1	100	100		1.89	0.003	0.003	0.000	-0.001	05/17/2019	12:03
9	K2909-01MS	1	2	100	100		2.45	0.003	0.417	0.414	0.536	05/17/2019	12:04
10	K2909-01MSD	1	2	100	100		2.40	0.003	0.415	0.412	0.533	05/17/2019	12:04
11	CCV2	0.5	1	100	100		1.56	0.000	0.392	0.392	0.507	05/17/2019	12:05
12	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	05/17/2019	12:05