



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93870

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62652
Calibration Std. hexchrome 0.05 ppm	WP62651
Hexavalent Chromium LCS Std	WP62657
Calibratation STD HexaChrome 1 PPM	WP62654
Calibratation STD Hexa Chrome 0.5 PPM	WP62653
calibration std. hexchrome 0.01 ppm	WP62649
calibration std. hexchrome 0 ppm	WP62644
Hexavalent Chromium ICV Std.	WP62655
Hexavalent Chromium CCV Std	WP62656
hexavalent chromium color reagent	WP62566
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62650

Intercept: 0.0002

Slope: 0.7679

Regression: 0.99997

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	03/13/2018	10:20
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	03/13/2018	10:20
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	03/13/2018	10:21
4	CAL4	0.05	1	100	100		2.22	0.000	0.038	0.038	03/13/2018	10:21
5	CAL5	0.1	1	100	100		1.63	0.000	0.079	0.079	03/13/2018	10:22
6	CAL6	0.5	1	100	100		2.40	0.000	0.388	0.388	03/13/2018	10:22
7	CAL7	1	1	100	100		2.18	0.000	0.766	0.766	03/13/2018	10:23

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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		1.83	0.000	0.389	0.389	0.506	03/13/2018	10:23
2	ICB		1	100	100		1.57	0.000	0.000	0.000	0.000	03/13/2018	10:24
3	CCV1	0.5	1	100	100		2.05	0.000	0.389	0.389	0.506	03/13/2018	10:24
4	CCB1		1	100	100		2.34	0.000	0.000	0.000	0.000	03/13/2018	10:25
5	lb93870BL		1	100	100		2.20	0.000	0.000	0.000	0.000	03/13/2018	10:25
6	lb93870BS	0.5	1	100	100		2.46	0.000	0.375	0.375	0.488	03/13/2018	10:26
7	J1821-08		1	100	100		1.98	0.000	0.000	0.000	0.000	03/13/2018	10:26
8	J1821-09		1	100	100		2.03	0.000	0.000	0.000	0.000	03/13/2018	10:27
9	J1821-09DUP		1	100	100		1.79	0.000	0.000	0.000	0.000	03/13/2018	10:27
10	J1821-09MS	1	2	100	100		2.41	0.000	0.371	0.371	0.483	03/13/2018	10:28
11	J1821-09MSD	1	2	100	100		1.62	0.000	0.370	0.370	0.482	03/13/2018	10:28
12	CCV2	0.5	1	100	100		1.55	0.000	0.389	0.389	0.506	03/13/2018	10:29
13	CCB2		1	100	100		2.17	0.000	0.000	0.000	0.000	03/13/2018	10:29

WORKLIST(Hardcopy Internal Chain)

2B93870

WorkList Name : Hex031318

WorkList ID : 109540

Date : 3/13/2018 9:51:08 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/18/2018	Solid	J1821-08	Hexavalent Chromium	Cool 4 deg C	AQUA04	H52	AMENDED-COMPOSITE-1-3-	03/05/2018	7196A
03/18/2018	Solid	J1821-09	Hexavalent Chromium	Cool 4 deg C	AQUA04	H52	AMENDED-COMPOSITE-4-5-	03/05/2018	7196A

Date/Time 03/13/18 9:55
 Received by: IB
 Relinquished by: IB

Date/Time 03/13/18 11:00
 Received by: IB
 Relinquished by: IB