

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90050

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57793
Calibration Std. hexchrome 0.05 ppm	WP57792
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP57798
Calibratation STD HexaChrome 1 PPM	WP57795
Calibratation STD Hexa Chrome 0.5 PPM	WP57794
calibration std. hexchrome 0.01 ppm	WP57790
calibration std. hexchrome 0 ppm	WP57789
Hexavalent Chromium ICV Std.	WP57796
Hexavalent Chromium CCV Std	WP57797
hexavalent chromium color reagent	WP57799
Calibration std Hexachrome, 0.025ppm	WP57791

Intercept: -0.0001

Slope: 0.7809

Regression: 0.999954

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		2.16	0.000	0.000	0.000	09/08/2017	17:01
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	09/08/2017	17:01
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	09/08/2017	17:02
4	CAL4	0.05	1	100	100		2.43	0.000	0.038	0.038	09/08/2017	17:02
5	CAL5	0.1	1	100	100		1.83	0.000	0.079	0.079	09/08/2017	17:03
6	CAL6	0.5	1	100	100		2.47	0.000	0.396	0.396	09/08/2017	17:03
7	CAL7	1	1	100	100		2.10	0.000	0.778	0.778	09/08/2017	17:04

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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		2.36	0.000	0.391	0.391	0.501	09/08/2017	17:04
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	09/08/2017	17:05
3	CCV1	0.5	1	100	100		2.13	0.000	0.392	0.392	0.502	09/08/2017	17:40
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.000	09/08/2017	17:40
5	LB90050BL		1	100	100		2.05	0.000	0.000	0.000	0.000	09/08/2017	17:41
6	LB90050BS	0.5	1	100	100		1.82	0.000	0.401	0.401	0.514	09/08/2017	17:41
7	I5187-11		1	100	100		2.13	0.026	0.026	0.000	0.000	09/08/2017	17:42
8	I5187-12		1	100	100		2.41	0.032	0.032	0.000	0.000	09/08/2017	17:42
9	I5187-13		1	100	100		2.46	0.035	0.035	0.000	0.000	09/08/2017	17:43
10	I5187-14		1	100	100		1.77	0.029	0.029	0.000	0.000	09/08/2017	17:43
11	I5187-14DUP		1	100	100		2.14	0.030	0.030	0.000	0.000	09/08/2017	17:44
12	I5187-14MS	1	2	100	100		1.69	0.030	0.383	0.353	0.452	09/08/2017	17:44
13	I5187-14MSD	1	2	100	100		1.59	0.031	0.384	0.353	0.452	09/08/2017	17:45
14	CCV2	0.5	1	100	100		2.05	0.000	0.392	0.392	0.502	09/08/2017	17:45
15	CCB2		1	100	100		1.64	0.000	0.000	0.000	0.000	09/08/2017	17:46

LB90050

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex090817-2

WorkList ID : 102873

Date : 9/8/2017 1:42:33 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5187-11	Hexavalent Chromium	Cool 4 deg C	AQUA04	D61	20170541-FB-1	09/07/2017	7196A
	Water	I5187-12	Hexavalent Chromium	Cool 4 deg C	AQUA04	D61	20170542-FB-2	09/05/2017	7196A
	Water	I5187-13	Hexavalent Chromium	Cool 4 deg C	AQUA04	D61	20170584-SITEWATER	09/06/2017	7196A
	Water	I5187-14	Hexavalent Chromium	Cool 4 deg C	AQUA04	D61	20170585-SITEWATER	09/05/2017	7196A

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: