

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91133

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59107
Calibration Std. hexchrome 0.05 ppm	WP59106
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP59112
Calibratation STD HexaChrome 1 PPM	WP59109
Calibratation STD Hexa Chrome 0.5 PPM	WP59108
calibration std. hexchrome 0.01 ppm	WP59104
calibration std. hexchrome 0 ppm	WP59103
Hexavalent Chromium ICV Std.	WP59110
Hexavalent Chromium CCV Std	WP59111
hexavalent chromium color reagent	WP58994
Calibration std Hexachrome, 0.025ppm	WP59105

Intercept: 0.0002

Slope: 0.775

Regression: 0.999942

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	10/26/2017	11:30
2	CAL2	0.01	1	100	100		2.43	0.000	0.007	0.007	10/26/2017	11:30
3	CAL3	0.025	1	100	100		1.97	0.000	0.017	0.017	10/26/2017	11:31
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	10/26/2017	11:31
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	10/26/2017	11:32
6	CAL6	0.5	1	100	100		1.55	0.000	0.394	0.394	10/26/2017	11:32
7	CAL7	1	1	100	100		2.01	0.000	0.772	0.772	10/26/2017	11:33



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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		1.67	0.000	0.390	0.390	0.503	10/26/2017	11:33
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	10/26/2017	11:34
3	CCV1	0.5	1	100	100		2.25	0.000	0.391	0.391	0.504	10/26/2017	11:34
4	CCB1		1	100	100		1.83	0.000	0.000	0.000	0.000	10/26/2017	11:35
5	LB91133BL		1	100	100		2.24	0.000	0.000	0.000	0.000	10/26/2017	11:35
6	LB91133BS	0.5	1	100	100		2.37	0.000	0.379	0.379	0.489	10/26/2017	11:36
7	I6160-01		1	100	100		1.98	0.010	0.010	0.000	0.000	10/26/2017	11:36
8	I6160-02		1	100	100		1.70	0.012	0.012	0.000	0.000	10/26/2017	11:37
9	I6160-03		1	100	100		2.01	0.011	0.011	0.000	0.000	10/26/2017	11:37
10	I6160-04		1	100	100		2.35	0.013	0.013	0.000	0.000	10/26/2017	11:38
11	I6160-05		1	100	100		1.76	0.007	0.007	0.000	0.000	10/26/2017	11:38
12	I6160-06		1	100	100		1.57	0.009	0.009	0.000	0.000	10/26/2017	11:39
13	I6160-06DUP		1	100	100		2.05	0.008	0.008	0.000	0.000	10/26/2017	11:39
14	I6160-06MS	1	2	100	100		2.17	0.010	0.366	0.356	0.459	10/26/2017	11:40
15	CCV2	0.5	1	100	100		2.33	0.000	0.391	0.391	0.504	10/26/2017	11:40
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	0.000	10/26/2017	11:41
17	I6160-06MSD	1	2	100	100		1.72	0.010	0.366	0.356	0.459	10/26/2017	11:41
18	CCV3	0.5	1	100	100		2.44	0.000	0.392	0.392	0.506	10/26/2017	11:42
19	CCB3		1	100	100		1.67	0.000	0.000	0.000	0.000	10/26/2017	11:42

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex102617

WorkList ID : 104725

Date : 10/26/2017 10:37:48 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/26/2017	Water	I6160-01	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-SW-1	10/25/2017	7196A
10/26/2017	Water	I6160-02	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-SW-3	10/25/2017	7196A
10/26/2017	Water	I6160-03	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-SW-4	10/25/2017	7196A
10/26/2017	Water	I6160-04	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-SW-5	10/25/2017	7196A
10/26/2017	Water	I6160-05	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-SW-6	10/25/2017	7196A
10/26/2017	Water	I6160-06	Hexavalent Chromium	Cool 4 deg C	CHAZ02	F12	RLF-FD-02	10/25/2017	7196A

Date/Time 10/26/17 10:45
 Received by: IB
 Relinquished by: IB

Date/Time 10/26/17 12:20
 Received by: IB
 Relinquished by: IB