

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90104

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57936
Calibration Std. hexchrome 0.05 ppm	WP57935
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP57942
Calibratation STD HexaChrome 1 PPM	WP57938
Calibratation STD Hexa Chrome 0.5 PPM	WP57937
calibration std. hexchrome 0.01 ppm	WP57933
calibration std. hexchrome 0 ppm	WP57932
Hexavalent Chromium ICV Std.	WP57939
Hexavalent Chromium CCV Std	WP57941
hexavalent chromium color reagent	WP57916
Calibration std Hexachrome, 0.025ppm	WP57934

Intercept: 0.0001

Slope: 0.7795

Regression: 0.999929

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		1.68	0.000	0.000	0.000	09/15/2017	14:38
2	CAL2	0.01	1	100	100		1.75	0.000	0.007	0.007	09/15/2017	14:38
3	CAL3	0.025	1	100	100		1.85	0.000	0.017	0.017	09/15/2017	14:39
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	09/15/2017	14:39
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	09/15/2017	14:40
6	CAL6	0.5	1	100	100		1.84	0.000	0.397	0.397	09/15/2017	14:40
7	CAL7	1	1	100	100		2.33	0.000	0.776	0.776	09/15/2017	14:41



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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		2.22	0.000	0.391	0.391	0.501	09/15/2017	14:42
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.000	09/15/2017	14:42
3	CCV1	0.5	1	100	100		2.26	0.000	0.393	0.393	0.504	09/15/2017	16:18
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	0.000	09/15/2017	16:18
5	LB90104BL		1	100	100		1.88	0.000	0.000	0.000	0.000	09/15/2017	16:19
6	LB90104BS	0.5	1	100	100		2.40	0.000	0.374	0.374	0.480	09/15/2017	16:19
7	I5259-01		1	100	100		2.13	0.028	0.028	0.000	0.000	09/15/2017	16:20
8	I5259-01DUP		1	100	100		2.12	0.028	0.028	0.000	0.000	09/15/2017	16:20
9	I5259-01MS	1	2	100	100		2.30	0.029	0.417	0.388	0.498	09/15/2017	16:21
10	I5259-01MSD	1	2	100	100		2.15	0.028	0.416	0.388	0.498	09/15/2017	16:21
11	I5259-02		1	100	100		2.21	0.024	0.025	0.001	0.001	09/15/2017	16:22
12	I5259-03		1	100	100		2.33	0.017	0.017	0.000	0.000	09/15/2017	16:22
13	I5259-04		1	100	100		2.44	0.018	0.018	0.000	0.000	09/15/2017	16:23
14	I5259-05		1	100	100		2.15	0.003	0.003	0.000	0.000	09/15/2017	16:23
15	CCV2	0.5	1	100	100		1.90	0.000	0.393	0.393	0.504	09/15/2017	16:24
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	0.000	09/15/2017	16:24
17	I5259-06		1	100	100		2.14	0.007	0.007	0.000	0.000	09/15/2017	16:25
18	I5259-07		1	100	100		1.85	0.001	0.001	0.000	0.000	09/15/2017	16:25
19	I5259-08		1	100	100		2.30	0.004	0.004	0.000	0.000	09/15/2017	16:26
20	CCV3	0.5	1	100	100		1.78	0.000	0.394	0.394	0.505	09/15/2017	16:26
21	CCB3		1	100	100		1.81	0.000	0.000	0.000	0.000	09/15/2017	16:27

LB 90104

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex091517-2 WorkList ID : 102947 Date : 9/15/2017 3:03:48 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5259-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170603-COMP-D	09/12/2017	7196A
	Water	I5259-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170602-COMP-C	09/13/2017	7196A
	Water	I5259-03	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170601-COMP-B	09/13/2017	7196A
	Water	I5259-04	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170600-COMP-A	09/13/2017	7196A
	Water	I5259-05	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170603-COMP-D	09/12/2017	7196A
	Water	I5259-06	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170602-COMP-C	09/13/2017	7196A
	Water	I5259-07	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170601-COMP-B	09/13/2017	7196A
	Water	I5259-08	Hexavalent Chromium	Cool 4 deg C	AQUA04	E51	20170600-COMP-A	09/13/2017	7196A

Date/Time 09/15/17 13:50
Received by: IB
Relinquished by: IB

Date/Time 09/15/17 16:30
Received by: IB
Relinquished by: IB