



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98669

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68806
Calibration Std. hexchrome 0.05 ppm	WP68805
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP68809
Calibratation STD HexaChrome 1 PPM	WP68708
Calibratation STD Hexa Chrome 0.5 PPM	WP68810
calibration std. hexchrome 0.01 ppm	WP68803
calibration std. hexchrome 0 ppm	WP68802
Hexavalent Chromium ICV Std.	WP68807
Hexavalent Chromium CCV Std	WP68808
hexavalent chromium color reagent	WP68747
Calibration std Hexachrome, 0.025ppm	WP68804

Intercept: 0.0002

Slope: 0.7715

Regression: 0.999958

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		2.05	0.000	0.000	0.000	10/17/2018	09:39
2	CAL2	0.01	1	100	100		2.16	0.000	0.007	0.007	10/17/2018	09:39
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	10/17/2018	09:40
4	CAL4	0.05	1	100	100		2.34	0.000	0.038	0.038	10/17/2018	09:40
5	CAL5	0.1	1	100	100		1.84	0.000	0.079	0.079	10/17/2018	09:40
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	10/17/2018	09:41
7	CAL7	1	1	100	100		1.62	0.000	0.769	0.769	10/17/2018	09:41



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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		1.75	0.000	0.391	0.391	0.507	10/17/2018	09:42
2	ICB		1	100	100		1.54	0.000	0.000	0.000	0.000	10/17/2018	09:42
3	CCV1	0.5	1	100	100		2.32	0.000	0.392	0.392	0.508	10/17/2018	09:43
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	10/17/2018	09:43
5	LB98669BL		1	100	100		1.62	0.000	0.000	0.000	0.000	10/17/2018	09:44
6	LB98669BS	0.5	1	100	100		2.36	0.000	0.380	0.380	0.492	10/17/2018	09:44
7	J5569-01		1	100	100		1.93	0.005	0.007	0.002	0.002	10/17/2018	09:45
8	J5569-02		1	100	100		1.87	0.003	0.003	0.000	0.000	10/17/2018	09:45
9	J5569-05		1	100	100		2.06	0.004	0.004	0.000	0.000	10/17/2018	09:46
10	J5569-06		1	100	100		2.18	0.007	0.007	0.000	0.000	10/17/2018	09:46
11	J5569-07		1	100	100		1.77	0.013	0.013	0.000	0.000	10/17/2018	09:46
12	J5569-08		1	100	100		2.23	0.008	0.008	0.000	0.000	10/17/2018	09:47
13	J5569-09		1	100	100		2.36	0.011	0.011	0.000	0.000	10/17/2018	09:47
14	J5569-12		1	100	100		1.90	0.017	0.017	0.000	0.000	10/17/2018	09:48
15	CCV2	0.5	1	100	100		2.21	0.000	0.392	0.392	0.508	10/17/2018	09:48
16	CCB2		1	100	100		2.45	0.000	0.000	0.000	0.000	10/17/2018	09:49
17	J5569-13		1	100	100		1.96	0.010	0.010	0.000	0.000	10/17/2018	09:49
18	J5569-13DUP		1	100	100		1.57	0.009	0.009	0.000	0.000	10/17/2018	09:50
19	J5569-13MS	1	2	100	100		1.62	0.012	0.368	0.356	0.461	10/17/2018	09:50
20	J5569-13MSD	1	2	100	100		1.89	0.012	0.369	0.357	0.462	10/17/2018	09:51
21	CCV3	0.5	1	100	100		2.03	0.000	0.392	0.392	0.508	10/17/2018	09:51
22	CCB3		1	100	100		2.19	0.000	0.000	0.000	0.000	10/17/2018	09:52

WORKLIST(Hardcopy Internal Chain)

LB 98669

WorkList Name : Hex101718-03

WorkList ID : 118142

Date : 10/17/2018 3:01:09 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/17/2018	Water	J5569-01	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-GW-7S	10/16/2018	7196A
10/17/2018	Water	J5569-02	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-GW-9S	10/16/2018	7196A
10/17/2018	Water	J5569-05	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-GW-FD-01	10/16/2018	7196A
10/17/2018	Water	J5569-06	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-1	10/16/2018	7196A
10/17/2018	Water	J5569-07	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-3	10/16/2018	7196A
10/17/2018	Water	J5569-08	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-4	10/16/2018	7196A
10/17/2018	Water	J5569-09	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-5	10/16/2018	7196A
10/17/2018	Water	J5569-12	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-8	10/16/2018	7196A
10/17/2018	Water	J5569-13	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	RLF-SW-FD-01	10/16/2018	7196A

Date/Time

Received by:

Relinquished by:

10/17/18 9:30

JSB

Date/Time

Received by:

Relinquished by:

10/17/18 12:00

JSB