

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102200

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73862
Calibratation STD Hexa Chrome 0.5 PPM	WP73861
Calibration Std. hexchrome 0.1 ppm	WP73860
Calibration Std. hexchrome 0.05 ppm	WP73859
calibration std. hexchrome 0.01 ppm	WP73857
calibration std. hexchrome 0 ppm	WP73856
Hexavalent Chromium ICV Std.	WP73863
Hexavalent Chromium CCV Std	WP73864
Hexavalent Chromium LCS Std	WP73865
hexavalent chromium color reagent	WP73855
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73858

Intercept: 0.0005

Slope: 0.772

Regression: 0.999979

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		2.22	0.000	0.000	0.000	04/18/2019	08:40
2	CAL2	0.01	1	100	100		1.63	0.000	0.008	0.008	04/18/2019	08:40
3	CAL3	0.025	1	100	100		1.82	0.000	0.017	0.017	04/18/2019	08:41
4	CAL4	0.05	1	100	100		2.36	0.000	0.039	0.039	04/18/2019	08:41
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	04/18/2019	08:42
6	CAL6	0.5	1	100	100		1.90	0.000	0.389	0.389	04/18/2019	08:42
7	CAL7	1	1	100	100		2.16	0.000	0.771	0.771	04/18/2019	08:43

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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		1.93	0.000	0.392	0.392	0.507	04/18/2019	08:43
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.001	04/18/2019	08:44
3	CCV1	0.5	1	100	100		2.21	0.000	0.393	0.393	0.508	04/18/2019	08:44
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	-0.001	04/18/2019	08:45
5	LB102200BL		1	100	100		2.40	0.000	0.000	0.000	-0.001	04/18/2019	08:45
6	LB102200BS	0.5	1	100	100		1.79	0.000	0.388	0.388	0.502	04/18/2019	08:46
7	K2458-01		1	100	100		2.35	0.002	0.002	0.000	-0.001	04/18/2019	08:46
8	K2458-02		1	100	100		2.08	0.018	0.060	0.042	0.054	04/18/2019	08:47
9	K2458-03		1	100	100		2.42	0.012	0.056	0.044	0.056	04/18/2019	08:47
10	K2458-04		1	100	100		2.02	0.013	0.080	0.067	0.086	04/18/2019	08:48
11	K2458-05		1	100	100		1.58	0.005	0.007	0.002	0.002	04/18/2019	08:48
12	K2458-06		1	100	100		1.87	0.003	0.005	0.002	0.002	04/18/2019	08:49
13	K2458-07		1	100	100		1.77	0.160	0.160	0.000	-0.001	04/18/2019	08:49
14	K2458-08		1	100	100		2.24	0.004	0.004	0.000	-0.001	04/18/2019	08:50
15	CCV2	0.5	1	100	100		1.89	0.000	0.393	0.393	0.508	04/18/2019	08:50
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	-0.001	04/18/2019	08:51
17	K2458-08DUP		1	100	100		2.33	0.005	0.005	0.000	-0.001	04/18/2019	08:51
18	K2458-09	1	2	100	100		2.47	0.005	0.391	0.386	0.499	04/18/2019	08:52
19	K2458-10	1	2	100	100		2.21	0.006	0.392	0.386	0.499	04/18/2019	08:52
20	K2458-11		1	100	100		1.90	0.010	0.081	0.071	0.091	04/18/2019	08:53
21	K2458-12		1	100	100		2.35	0.055	0.055	0.000	-0.001	04/18/2019	08:53
22	CCV3	0.5	1	100	100		1.74	0.000	0.393	0.393	0.508	04/18/2019	08:54
23	CCB3		1	100	100		1.61	0.000	0.000	0.000	-0.001	04/18/2019	08:54

WORKLIST(Hardcopy Internal Chain)

LB102190

WorkList Name : HEX041819

WorkList ID : 124971

Date : 04-18-2019 07:04:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/18/2019	Water	K2458-01	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW304S-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-02	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW304I1-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-03	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW304I1-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-04	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW304I2-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-05	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW304D-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-06	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW303S-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-07	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW303I1-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-08	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW303I2-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-09	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	K2458-08MS	04/17/2019	7196A
04/18/2019	Water	K2458-10	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	K2458-08MSD	04/17/2019	7196A
04/18/2019	Water	K2458-11	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BP-DUP03-20190417	04/17/2019	7196A
04/18/2019	Water	K2458-12	Hexavalent Chromium	Cool 4 deg C	TETR06	K42	BPS1-TT-MW303I1-20190417	04/17/2019	7196A

Date/Time 04/18/19 7:10
 Received by: LB
 Relinquished by: [Signature]

Date/Time 04/18/19 10:00
 Received by: [Signature]
 Relinquished by: LB