

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101242

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72333
Calibratation STD Hexa Chrome 0.5 PPM	WP72332
Calibration Std. hexchrome 0.1 ppm	WP72331
Calibration Std. hexchrome 0.05 ppm	WP72330
calibration std. hexchrome 0.01 ppm	WP72328
calibration std. hexchrome 0 ppm	WP72327
Hexavalent Chromium ICV Std.	WP72334
Hexavalent Chromium CCV Std	WP72335
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72329
HEX LOD STD, 0.005PPM	WP72343
HEX LOQ STD, 0.02PPM	WP72344

Intercept: 0.0005

Slope: 0.7723

Regression: 0.999976

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		1.87	0.000	0.000	0.000	03/07/2019	10:20
2	CAL2	0.01	1	100	100		2.14	0.000	0.007	0.007	03/07/2019	10:20
3	CAL3	0.025	1	100	100		1.91	0.000	0.018	0.018	03/07/2019	10:21
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	03/07/2019	10:21
5	CAL5	0.1	1	100	100		2.39	0.000	0.080	0.080	03/07/2019	10:22
6	CAL6	0.5	1	100	100		1.74	0.000	0.390	0.390	03/07/2019	10:22
7	CAL7	1	1	100	100		1.60	0.000	0.771	0.771	03/07/2019	10:22



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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		2.25	0.000	0.391	0.391	0.506	03/07/2019	10:23
2	ICB		1	100	100		2.34	0.000	0.000	0.000	-0.001	03/07/2019	10:23
3	CCV1	0.5	1	100	100		1.87	0.000	0.391	0.391	0.506	03/07/2019	10:24
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	-0.001	03/07/2019	10:24
5	LB101242BL		1	100	100		2.37	0.000	0.000	0.000	-0.001	03/07/2019	10:25
6	LB101242BS	0.5	1	100	100		2.31	0.000	0.386	0.386	0.499	03/07/2019	10:25
7	K1560-07		1	100	100		1.90	0.000	0.003	0.003	0.003	03/07/2019	10:26
8	K1560-08		1	100	100		1.74	0.000	0.016	0.016	0.020	03/07/2019	10:26
9	K1783-01		1	100	100		1.64	0.004	0.004	0.000	-0.001	03/07/2019	10:27
10	K1783-02		1	100	100		2.11	0.005	0.005	0.000	-0.001	03/07/2019	10:27
11	K1783-03		1	100	100		2.16	0.002	0.002	0.000	-0.001	03/07/2019	10:28
12	K1783-04		1	100	100		1.88	0.003	0.003	0.000	-0.001	03/07/2019	10:28
13	K1783-04DUP		1	100	100		1.76	0.004	0.004	0.000	-0.001	03/07/2019	10:29
14	K1783-05	1	2	100	100		1.79	0.004	0.384	0.380	0.491	03/07/2019	10:29
15	CCV2	0.5	1	100	100		2.31	0.000	0.391	0.391	0.506	03/07/2019	10:30
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	-0.001	03/07/2019	10:30
17	K1783-06	1	2	100	100		2.40	0.004	0.385	0.381	0.493	03/07/2019	10:31
18	K1783-07		1	100	100		1.84	0.006	0.006	0.000	-0.001	03/07/2019	10:31
19	K1783-08		1	100	100		1.71	0.009	0.009	0.000	-0.001	03/07/2019	10:32
20	CCV3	0.5	1	100	100		1.62	0.000	0.391	0.391	0.506	03/07/2019	10:32
21	CCB3		1	100	100		2.02	0.000	0.000	0.000	-0.001	03/07/2019	10:33

LB101242

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex030619-2

WorkList ID : 123086

Date : 03-06-2019 16:47:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2019	Water	K1560-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-01-QT1-20	02/21/2019	7196A
02/22/2019	Water	K1560-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-02-QT1-2019	02/21/2019	7196A
03/06/2019	Water	K1783-01	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	SW-4	03/05/2019	7196A
03/06/2019	Water	K1783-02	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	SW-3	03/05/2019	7196A
03/06/2019	Water	K1783-03	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	2019-03-05-DUP-SW	03/05/2019	7196A
03/06/2019	Water	K1783-04	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	SW-2	03/05/2019	7196A
03/06/2019	Water	K1783-05	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	K1783-04MS	03/05/2019	7196A
03/06/2019	Water	K1783-06	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	K1783-04MSD	03/05/2019	7196A
03/06/2019	Water	K1783-07	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	SW-1	03/05/2019	7196A
03/06/2019	Water	K1783-08	Hexavalent Chromium	Cool 4 deg C	WEST10	P41	FB-2019-03-05	03/05/2019	7196A

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: