

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100228

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70777
Calibration Std. hexchrome 0.05 ppm	WP70776
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP70781
Calibratation STD HexaChrome 1 PPM	WP70779
Calibratation STD Hexa Chrome 0.5 PPM	WP70778
calibration std. hexchrome 0.01 ppm	WP70774
calibration std. hexchrome 0 ppm	WP70773
Hexavalent Chromium ICV Std.	WP70780
Hexavalent Chromium CCV Std	WP70782
hexavalent chromium color reagent	WP70661
Calibration std Hexachrome, 0.025ppm	WP70775

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999975

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		2.25	0.000	0.000	0.000	01/09/2019	07:25
2	CAL2	0.01	1	100	100		2.13	0.000	0.007	0.007	01/09/2019	07:25
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	01/09/2019	07:26
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	01/09/2019	07:26
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	01/09/2019	07:27
6	CAL6	0.5	1	100	100		2.08	0.000	0.390	0.390	01/09/2019	07:27
7	CAL7	1	1	100	100		1.83	0.000	0.771	0.771	01/09/2019	07:28



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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		1.74	0.000	0.392	0.392	0.507	01/09/2019	07:28
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.000	01/09/2019	07:29
3	CCV1	0.5	1	100	100		2.44	0.000	0.392	0.392	0.507	01/09/2019	07:29
4	CCB1		1	100	100		2.37	0.000	0.000	0.000	0.000	01/09/2019	07:30
5	LB100228BL		1	100	100		1.72	0.000	0.000	0.000	0.000	01/09/2019	07:30
6	LB100228BS	0.5	1	100	100		1.65	0.000	0.380	0.380	0.492	01/09/2019	07:31
7	K1089-01		1	100	100		2.11	0.003	1.656	1.653	2.139	01/09/2019	07:31
8	K1089-03		1	100	100		2.25	0.002	0.002	0.000	0.000	01/09/2019	07:32
9	K1089-03DUP		1	100	100		1.87	0.003	0.003	0.000	0.000	01/09/2019	07:32
10	K1089-03MS	1	2	100	100		2.34	0.003	0.368	0.365	0.472	01/09/2019	07:33
11	K1089-03MSD	1	2	100	100		1.90	0.002	0.367	0.365	0.472	01/09/2019	07:33
12	K1089-05		1	100	100		1.74	0.000	0.730	0.730	0.945	01/09/2019	07:34
13	K1089-07		1	100	100		2.45	0.242	0.256	0.014	0.018	01/09/2019	07:34
14	K1089-09		1	100	100		2.36	0.330	0.332	0.002	0.002	01/09/2019	07:35
15	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.507	01/09/2019	07:35
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	01/09/2019	07:36
17	K1089-11		1	100	100		2.19	0.000	1.642	1.642	2.125	01/09/2019	07:36
18	K1089-13		1	100	100		2.08	1.728	1.730	0.002	0.002	01/09/2019	07:37
19	K1089-15		1	100	100		1.73	0.002	1.733	1.731	2.240	01/09/2019	07:37
20	K1089-17		1	100	100		1.91	0.268	0.268	0.000	0.000	01/09/2019	07:38
21	K1089-19		1	100	100		2.44	2.004	2.567	0.563	0.728	01/09/2019	07:38
22	K1089-21		1	100	100		2.18	0.005	1.519	1.514	1.959	01/09/2019	07:39
23	K1089-23		1	100	100		1.80	0.018	0.018	0.000	0.000	01/09/2019	07:39
24	K1089-01		10	100	100		2.11	0.000	0.096	0.096	0.124	01/09/2019	07:40
25	K1089-11		10	100	100		2.19	0.000	0.160	0.160	0.207	01/09/2019	07:40
26	K1089-15		10	100	100		1.73	0.000	0.186	0.186	0.241	01/09/2019	07:41
27	CCV3	0.5	1	100	100		1.93	0.000	0.392	0.392	0.507	01/09/2019	07:41
28	CCB3		1	100	100		2.36	0.000	0.000	0.000	0.000	01/09/2019	07:42
29	K1089-21		10	100	100		2.18	0.000	0.140	0.140	0.181	01/09/2019	07:42
30	CCV4	0.5	1	100	100		1.93	0.000	0.392	0.392	0.507	01/09/2019	07:43
31	CCB4		1	100	100		2.36	0.000	0.000	0.000	0.000	01/09/2019	07:43

LB100228

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex010819-3

WorkList ID : 121148

Date : 1/8/2019 12:08:18 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/09/2019	Water	K1089-01	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	D-01082019-01	01/08/2019	7196A
01/09/2019	Water	K1089-03	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EB-01082019-01	01/08/2019	7196A
01/09/2019	Water	K1089-05	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW13-BR-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-07	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-13-OB-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-09	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-30-OB-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-11	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-31-BR-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-13	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-31-OB-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-15	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-32-BR-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-17	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-32-OB-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-19	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-37-OB-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-21	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-38-BR-01082019	01/08/2019	7196A
01/09/2019	Water	K1089-23	Hexavalent Chromium	Cool 4 deg C	JACO05	F12	EPA-MW-38-OB-01082019	01/08/2019	7196A

Date/Time

Received by:

Relinquished by:

01/09/19 7:00

TB

AB

Date/Time

Received by:

Relinquished by:

01/09/19 10:28

AB

TB