

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97716

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67521
Calibration Std. hexchrome 0.05 ppm	WP67519
Hexavalent Chromium LCS Std	WP67527
Calibratation STD HexaChrome 1 PPM	WP67524
Calibratation STD Hexa Chrome 0.5 PPM	WP67522
calibration std. hexchrome 0.01 ppm	WP67517
calibration std. hexchrome 0 ppm	WP67508
Hexavalent Chromium ICV Std.	WP67526
Hexavalent Chromium CCV Std	WP67525
hexavalent chromium color reagent	WP67424
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67518

Intercept: 0.0008

Slope: 0.7684

Regression: 0.999974

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		2.15	0.000	0.000	0.000	09/04/2018	11:40
2	CAL2	0.01	1	100	100		2.10	0.000	0.007	0.007	09/04/2018	11:40
3	CAL3	0.025	1	100	100		1.99	0.000	0.019	0.019	09/04/2018	11:41
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	09/04/2018	11:41
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	09/04/2018	11:42
6	CAL6	0.5	1	100	100		2.14	0.000	0.389	0.389	09/04/2018	11:42
7	CAL7	1	1	100	100		1.88	0.000	0.767	0.767	09/04/2018	11:43



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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		1.89	0.000	0.390	0.390	0.507	09/04/2018	11:43
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/04/2018	11:44
3	CCV1	0.5	1	100	100		2.26	0.000	0.390	0.390	0.507	09/04/2018	16:15
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	-0.001	09/04/2018	16:15
5	LB97716BL		1	100	100		1.55	0.000	0.000	0.000	-0.001	09/04/2018	16:16
6	LB97716BS	0.5	1	100	100		2.10	0.000	0.380	0.380	0.493	09/04/2018	16:16
7	J4783-01		1	100	100		1.79	0.008	0.008	0.000	-0.001	09/04/2018	16:17
8	J4783-01DUP		1	100	100		2.15	0.008	0.008	0.000	-0.001	09/04/2018	16:17
9	J4783-01MS	1	2	100	100		2.33	0.009	0.370	0.361	0.469	09/04/2018	16:18
10	J4783-01MSD	1	2	100	100		1.90	0.009	0.371	0.362	0.470	09/04/2018	16:18
11	CCV2	0.5	1	100	100		2.17	0.000	0.391	0.391	0.508	09/04/2018	16:19
12	CCB2		1	100	100		2.30	0.000	0.000	0.000	-0.001	09/04/2018	16:19

LB97714

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex090418-2

WorkList ID : 116366

Date : 9/4/2018 1:37:35 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/05/2018	Water	J4783-01	Hexavalent Chromium	Cool 4 deg C	ROYF02	H41	P001-GW001-01	09/04/2018	7196A

Date/Time 09/04/18 16:00
Received by: FB
Relinquished by: [Signature]

Date/Time 09/04/18 16:30
Received by: [Signature]
Relinquished by: FB