

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88896

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56577
Calibration Std. hexchrome 0.05 ppm	WP56576
Hexavalent Chromium LCS Std	WP56582
Calibratation STD HexaChrome 1 PPM	WP56579
Calibratation STD Hexa Chrome 0.5 PPM	WP56578
calibration std. hexchrome 0.01 ppm	WP56574
calibration std. hexchrome 0 ppm	WP56573
Hexavalent Chromium ICV Std.	WP56580
Hexavalent Chromium CCV Std	WP56581
hexavalent chromium color reagent	WP56540
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP56575

Intercept: 0

Slope: 0.7661

Regression: 0.999984

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		2.14	0.000	0.000	0.000	07/21/2017	09:30
2	CAL2	0.01	1	100	100		2.17	0.000	0.007	0.007	07/21/2017	09:30
3	CAL3	0.025	1	100	100		1.90	0.000	0.017	0.017	07/21/2017	09:31
4	CAL4	0.05	1	100	100		1.69	0.000	0.038	0.038	07/21/2017	09:31
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	07/21/2017	09:32
6	CAL6	0.5	1	100	100		2.36	0.000	0.385	0.385	07/21/2017	09:32
7	CAL7	1	1	100	100		2.22	0.000	0.765	0.765	07/21/2017	09:33



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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		2.04	0.000	0.393	0.393	0.513	07/21/2017	09:33
2	ICB		1	100	100		2.44	0.000	0.000	0.000	0.000	07/21/2017	09:34
3	CCV1	0.5	1	100	100		2.31	0.000	0.394	0.394	0.514	07/21/2017	09:34
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	07/21/2017	09:35
5	LB88896BL		1	100	100		1.77	0.000	0.000	0.000	0.000	07/21/2017	09:35
6	LB88896BS	0.5	1	100	100		1.98	0.000	0.401	0.401	0.523	07/21/2017	09:36
7	I4363-01		1	100	100		2.08	0.018	0.018	0.000	0.000	07/21/2017	09:36
8	I4363-01DUP		1	100	100		2.16	0.017	0.017	0.000	0.000	07/21/2017	09:37
9	I4363-01MS	1	2	100	100		1.78	0.021	0.377	0.356	0.465	07/21/2017	09:37
10	I4363-01MSD	1	2	100	100		1.59	0.020	0.378	0.358	0.467	07/21/2017	09:38
11	I4363-02		1	100	100		2.43	0.036	0.036	0.000	0.000	07/21/2017	09:38
12	CCV2	0.5	1	100	100		2.10	0.000	0.394	0.394	0.514	07/21/2017	09:39
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	07/21/2017	09:39

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex072017-02 WorkList ID : 100911 Date : 7/20/2017 4:37:19 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4363-01	Hexavalent Chromium	Cool 4 deg C	DIST01	H32	B-COMB-3	07/20/2017	SM3500-Cr B
	Water	I4363-02	Hexavalent Chromium	Cool 4 deg C	DIST01	H32	B-COMB-4	07/20/2017	SM3500-Cr B

Date/Time 07/21/17 09:05
Received by: IB
Relinquished by: IB

Date/Time 07/21/17 10:20
Received by: IB
Relinquished by: IB