



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98490

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68558
Calibration Std. hexchrome 0.05 ppm	WP68557
Hexavalent Chromium LCS Std	WP68565
Calibratation STD HexaChrome 1 PPM	WP68562
calibration std. hexchrome 0.01 ppm	WP68555
calibration std. hexchrome 0 ppm	WP68554
Hexavalent Chromium ICV Std.	WP68563
Hexavalent Chromium CCV Std	WP68564
hexavalent chromium color reagent	WP68544
HEX LOD STD, 0.005PPM	WP68559
HEX LOQ STD, 0.02PPM	WP68560
Calibration std Hexachrome, 0.025ppm	WP68556

Intercept: -0.0005

Slope: 0.7553

Regression: 0.999927

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		1.57	0.000	0.000	0.000	10/09/2018	14:40
2	CAL2	0.01	1	100	100		2.09	0.000	0.007	0.007	10/09/2018	14:40
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	10/09/2018	14:41
4	CAL4	0.05	1	100	100		1.93	0.000	0.038	0.038	10/09/2018	14:41
5	CAL5	0.1	1	100	100		2.47	0.000	0.078	0.078	10/09/2018	14:42
6	CAL6	0.5	1	100	100		2.35	0.000	0.370	0.370	10/09/2018	14:42
7	CAL7	1	1	100	100		1.64	0.000	0.758	0.758	10/09/2018	14:43



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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		1.63	0.000	0.373	0.373	0.495	10/09/2018	14:43
2	ICB		1	100	100		2.46	0.000	0.000	0.000	0.001	10/09/2018	14:44
3	CCV1	0.5	1	100	100		1.66	0.000	0.375	0.375	0.497	10/09/2018	14:44
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	10/09/2018	14:45
5	LB98490BL		1	100	100		2.13	0.000	0.000	0.000	0.001	10/09/2018	14:45
6	LB98490BS	0.5	1	100	100		2.37	0.000	0.378	0.378	0.501	10/09/2018	14:46
7	J5164-10		1	100	100		1.72	0.000	0.004	0.004	0.006	10/09/2018	14:46
8	J5164-11		1	100	100		1.99	0.000	0.013	0.013	0.018	10/09/2018	14:47
9	J5164-12		1	100	100		2.45	0.000	0.004	0.004	0.006	10/09/2018	14:47
10	J5360-01		1	100	100		2.21	0.000	0.000	0.000	0.001	10/09/2018	14:48
11	J5360-01DUP		1	100	100		1.66	0.000	0.000	0.000	0.001	10/09/2018	14:48
12	J5360-01MS	1	2	100	100		1.91	0.000	0.377	0.377	0.500	10/09/2018	14:49
13	J5360-01MSD	1	2	100	100		1.88	0.000	0.377	0.377	0.500	10/09/2018	14:49
14	CCV2	0.5	1	100	100		2.16	0.000	0.375	0.375	0.497	10/09/2018	14:50
15	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.001	10/09/2018	14:50

LBSA 8490

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex100918-2

WorkList ID : 117790

Date : 10/9/2018 1:51:39 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/10/2018	Water	J5360-01	Hexavalent Chromium	Cool 4 deg C	DIST01	P11	2-AVE-22	10/09/2018	SM3500-Cr B

Date/Time 10/09/18 14:08
 Received by: IB
 Relinquished by: IB

Date/Time 10/09/18 15:00
 Received by: IB
 Relinquished by: IB

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex100818-2

WorkList ID : 117732

Date : 10/8/2018 6:37:21 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/29/2018	Water	J5164-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-04-QT4-20	09/28/2018	SM3500-Cr B
09/29/2018	Water	J5164-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-05-QT4-2018	09/28/2018	SM3500-Cr B
09/29/2018	Water	J5164-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	MDL-WATER-06-QT4-2018	09/28/2018	SM3500-Cr B

Date/Time _____
 Received by: _____
 Relinquished by: _____

Date/Time _____
 Received by: _____
 Relinquished by: _____