

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98481

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68538
Calibration Std. hexchrome 0.05 ppm	WP68537
Hexavalent Chromium LCS Std	WP68543
Calibratation STD HexaChrome 1 PPM	WP68540
Calibratation STD Hexa Chrome 0.5 PPM	WP68539
calibration std. hexchrome 0.01 ppm	WP68535
calibration std. hexchrome 0 ppm	WP68513
Hexavalent Chromium ICV Std.	WP68541
Hexavalent Chromium CCV Std	WP68542
hexavalent chromium color reagent	WP68544
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP68536

Intercept: -0.0004

Slope: 0.7559

Regression: 0.999949

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		2.10	0.000	0.000	0.000	10/08/2018	09:50
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	10/08/2018	09:50
3	CAL3	0.025	1	100	100		1.71	0.000	0.017	0.017	10/08/2018	09:51
4	CAL4	0.05	1	100	100		2.16	0.000	0.039	0.039	10/08/2018	09:51
5	CAL5	0.1	1	100	100		2.35	0.000	0.078	0.078	10/08/2018	09:52
6	CAL6	0.5	1	100	100		1.77	0.000	0.372	0.372	10/08/2018	09:52
7	CAL7	1	1	100	100		2.10	0.000	0.758	0.758	10/08/2018	09:53



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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		1.82	0.000	0.375	0.375	0.497	10/08/2018	09:53
2	ICB		1	100	100		2.40	0.000	0.000	0.000	0.001	10/08/2018	09:54
3	CCV1	0.5	1	100	100		2.36	0.000	0.375	0.375	0.497	10/08/2018	09:54
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.001	10/08/2018	09:55
5	LB98481BL		1	100	100		1.55	0.000	0.000	0.000	0.001	10/08/2018	09:55
6	LB98481BS	0.5	1	100	100		2.21	0.000	0.380	0.380	0.503	10/08/2018	09:56
7	J5330-01		1	100	100		2.30	0.003	0.003	0.000	0.001	10/08/2018	09:56
8	J5330-01DUP		1	100	100		1.77	0.004	0.004	0.000	0.001	10/08/2018	09:57
9	J5330-01MS	1	2	100	100		2.35	0.004	0.383	0.379	0.502	10/08/2018	09:57
10	J5330-01MSD	1	2	100	100		2.47	0.004	0.384	0.380	0.503	10/08/2018	09:55
11	CCV2	0.5	1	100	100		1.83	0.000	0.376	0.376	0.498	10/08/2018	09:58
12	CCB2		1	100	100		1.54	0.000	0.000	0.000	0.001	10/08/2018	09:58

LB98481

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex10818

WorkList ID : 117707

Date : 10/8/2018 9:24:28 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/06/2018	Water	J5330-01	Hexavalent Chromium	Cool 4 deg C	CHAZ02	N21	EP1-VWW01	10/05/2018	SM3500-Cr B

Date/Time 10/08/18 9:30
 Received by: IB
 Relinquished by: CB

Date/Time 10/08/18 11:00
 Received by: IB
 Relinquished by: IB