

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89433

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57162
Calibration Std. hexchrome 0.05 ppm	WP57161
Hexavalent Chromium LCS Std	WP57167
Calibratation STD HexaChrome 1 PPM	WP57164
Calibratation STD Hexa Chrome 0.5 PPM	WP57163
calibration std. hexchrome 0.01 ppm	WP57159
calibration std. hexchrome 0 ppm	WP57158
Hexavalent Chromium ICV Std.	WP57165
Hexavalent Chromium CCV Std	WP57166
hexavalent chromium color reagent	WP57168
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57160

Intercept: -0.0005

Slope: 0.7601

Regression: 0.999973

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		2.35	0.000	0.000	0.000	08/11/2017	09:46
2	CAL2	0.01	1	100	100		2.10	0.000	0.006	0.006	08/11/2017	09:46
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	08/11/2017	09:47
4	CAL4	0.05	1	100	100		2.18	0.000	0.039	0.039	08/11/2017	09:47
5	CAL5	0.1	1	100	100		1.95	0.000	0.078	0.078	08/11/2017	09:48
6	CAL6	0.5	1	100	100		1.60	0.000	0.376	0.376	08/11/2017	09:48
7	CAL7	1	1	100	100		2.41	0.000	0.761	0.761	08/11/2017	09:49



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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		1.58	0.000	0.388	0.388	0.511	08/11/2017	09:49
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.001	08/11/2017	09:50
3	CCV1	0.5	1	100	100		2.31	0.000	0.390	0.390	0.514	08/11/2017	09:50
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	08/11/2017	09:50
5	LB89433BL		1	100	100		1.79	0.000	0.000	0.000	0.001	08/11/2017	09:51
6	LB89433BS	0.5	1	100	100		2.29	0.000	0.353	0.353	0.465	08/11/2017	09:51
7	I4736-13		1	100	100		1.63	0.002	0.002	0.000	0.001	08/11/2017	09:52
8	I4736-14		1	100	100		2.47	0.000	0.000	0.000	0.001	08/11/2017	09:52
9	I4736-14DUP		1	100	100		2.23	0.000	0.000	0.000	0.001	08/11/2017	09:53
10	I4736-14MS	1	2	100	100		1.59	0.000	0.354	0.354	0.466	08/11/2017	09:53
11	I4736-14MSD	1	2	100	100		1.90	0.000	0.355	0.355	0.468	08/11/2017	09:54
12	CCV2	0.5	1	100	100		2.76	0.000	0.390	0.390	0.514	08/11/2017	09:54
13	CCB2		1	100	100		2.81	0.000	0.000	0.000	0.001	08/11/2017	09:55

2B 84433

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex081117

WorkList ID : 101786

Date : 8/11/2017 9:34:04 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4736-13	Hexavalent Chromium	Cool 4 deg C	LIRO01	L11	TWP-37	08/10/2017	SM3500-Cr B
	Water	I4736-14	Hexavalent Chromium	Cool 4 deg C	LIRO01	L11	TWP-32	08/10/2017	SM3500-Cr B

Date/Time 08/11/17 9:35
 Received by: JB
 Relinquished by: JB

Date/Time 08/11/17 11:00
 Received by: JB
 Relinquished by: JB