

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87867

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55361
Calibration Std. hexchrome 0.05 ppm	WP55360
Hexavalent Chromium LCS Std	WP55366
Calibratation STD HexaChrome 1 PPM	WP55363
Calibratation STD Hexa Chrome 0.5 PPM	WP55362
calibration std. hexchrome 0.01 ppm	WP55358
calibration std. hexchrome 0 ppm	WP55357
Hexavalent Chromium ICV Std.	WP55364
Hexavalent Chromium CCV Std	WP55365
hexavalent chromium color reagent	WP55319
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP55359

Intercept: 0.0005

Slope: 0.7659

Regression: 0.999981

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		2.36	0.000	0.000	0.000	06/05/2017	15:30
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	06/05/2017	15:30
3	CAL3	0.025	1	100	100		1.69	0.000	0.017	0.017	06/05/2017	15:31
4	CAL4	0.05	1	100	100		2.40	0.000	0.039	0.039	06/05/2017	15:32
5	CAL5	0.1	1	100	100		1.83	0.000	0.079	0.079	06/05/2017	13:32
6	CAL6	0.5	1	100	100		1.75	0.000	0.386	0.386	06/05/2017	15:32
7	CAL7	1	1	100	100		2.38	0.000	0.765	0.765	06/05/2017	15:33



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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		2.24	0.000	0.394	0.394	0.514	06/05/2017	15:33
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.001	06/05/2017	15:34
3	CCV1	0.5	1	100	100		1.84	0.000	0.395	0.395	0.515	06/05/2017	15:34
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	-0.001	06/05/2017	15:35
5	LB87867BL		1	100	100		2.25	0.000	0.000	0.000	-0.001	06/05/2017	15:35
6	LB87867BS	0.5	1	100	100		2.37	0.001	0.398	0.397	0.518	06/05/2017	15:36
7	I3469-09		1	100	100		1.96	0.018	0.018	0.000	-0.001	06/05/2017	15:36
8	I3469-09DUP		1	100	100		2.48	0.019	0.019	0.000	-0.001	06/05/2017	15:37
9	I3469-09MS	1	2	100	100		2.37	0.019	0.397	0.378	0.493	06/05/2017	15:37
10	I3469-09MSD	1	2	100	100		2.14	0.018	0.396	0.378	0.493	06/05/2017	15:38
11	CCV2	0.5	1	100	100		2.05	0.000	0.395	0.395	0.515	06/05/2017	15:38
12	CCB2		1	100	100		1.70	0.000	0.000	0.000	-0.001	06/05/2017	15:39

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex060517-2

WorkList ID : 99196

Date : 6/5/2017 3:16:44 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3469-09	Hexavalent Chromium	Cool 4 deg C	AKRF02	K51	TW-1-20170603	06/03/2017	SM3500-Cr B

Date/Time 06/05/17 15:18
Received by: JB
Relinquished by: [Signature]

Date/Time 06/05/17 16:05
Received by: CD
Relinquished by: IB