

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88774

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56487
Calibration Std. hexchrome 0.05 ppm	WP56486
Hexavalent Chromium LCS Std	WP56496
Calibratation STD HexaChrome 1 PPM	WP56489
Calibratation STD Hexa Chrome 0.5 PPM	WP56488
calibration std. hexchrome 0.01 ppm	WP56484
calibration std. hexchrome 0 ppm	WP56483
Hexavalent Chromium ICV Std.	WP56497
Hexavalent Chromium CCV Std	WP56491
hexavalent chromium color reagent	WP56385
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP56485

Intercept: 0.0006

Slope: 0.7642

Regression: 0.99999

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		2.44	0.000	0.000	0.000	07/18/2017	17:30
2	CAL2	0.01	1	100	100		1.79	0.000	0.008	0.008	07/18/2017	17:30
3	CAL3	0.025	1	100	100		1.82	0.000	0.018	0.018	07/18/2017	17:31
4	CAL4	0.05	1	100	100		2.36	0.000	0.039	0.039	07/18/2017	17:31
5	CAL5	0.1	1	100	100		2.20	0.000	0.079	0.079	07/18/2017	17:32
6	CAL6	0.5	1	100	100		1.95	0.000	0.384	0.384	07/18/2017	17:32
7	CAL7	1	1	100	100		1.63	0.000	0.764	0.764	07/18/2017	17:33



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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		2.29	0.000	0.391	0.391	0.511	07/18/2017	17:33
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.001	07/18/2017	17:34
3	CCV1	0.5	1	100	100		1.57	0.000	0.392	0.392	0.512	07/18/2017	17:34
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	-0.001	07/18/2017	17:35
5	LB88774BL		1	100	100		2.24	0.000	0.000	0.000	-0.001	07/18/2017	17:35
6	LB88774BS	0.5	1	100	100		1.84	0.000	0.396	0.396	0.517	07/18/2017	17:36
7	I4274-01		1	100	100		2.40	0.005	0.005	0.000	-0.001	07/20/2017	17:36
8	I4274-01DUP		1	100	100		2.33	0.006	0.006	0.000	-0.001	07/18/2017	17:37
9	I4274-01MS	1	2	100	100		1.60	0.007	0.397	0.390	0.510	07/18/2017	17:37
10	I4274-01MSD	1	2	100	100		1.77	0.006	0.397	0.391	0.511	07/18/2017	17:38
11	I4274-03		1	100	100		2.14	0.004	0.004	0.000	-0.001	07/18/2017	17:38
12	I4274-04		1	100	100		1.65	0.008	0.008	0.000	-0.001	07/18/2017	17:39
13	I4274-06		1	100	100		2.35	0.005	0.005	0.000	-0.001	07/18/2017	17:39
14	CCV2	0.5	1	100	100		2.12	0.000	0.392	0.392	0.512	07/18/2017	17:40
15	CCB2		1	100	100		2.41	0.000	0.000	0.000	-0.001	07/18/2017	17:40

WORKLIST(Hardcopy Internal Chain)

2388774

WorkList Name : Hex071817-2

WorkList ID : 100794

Date : 7/18/2017 4:24:03 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4274-01 - 6	Hexavalent Chromium	Cool 4 deg C	DIST01	D22	M-COMB-3	07/18/2017	SM3500-Cr B
	Water	I4274-03 (	Hexavalent Chromium	Cool 4 deg C	DIST01	D22	M-COMB-4	07/18/2017	SM3500-Cr B
	Water	I4274-04 (	Hexavalent Chromium	Cool 4 deg C	DIST01	D22	M-COMB-05	07/18/2017	SM3500-Cr B
	Water	I4274-06 - 6	Hexavalent Chromium	Cool 4 deg C	DIST01	D22	M-COMB-6	07/18/2017	SM3500-Cr B

Date/Time 07/18/17 16:30
 Received by: IB
 Relinquished by: CP

Date/Time 07/18/17 18:05
 Received by: CP
 Relinquished by: IB