

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94452

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63459
Calibration Std. hexchrome 0.05 ppm	WP63458
Hexavalent Chromium LCS Std	WP63464
Calibratation STD HexaChrome 1 PPM	WP63461
Calibratation STD Hexa Chrome 0.5 PPM	WP63460
calibration std. hexchrome 0.01 ppm	WP63456
calibration std. hexchrome 0 ppm	WP63455
Hexavalent Chromium ICV Std.	WP63463
Hexavalent Chromium CCV Std	WP63462
hexavalent chromium color reagent	WP63480
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP63457

Intercept: 0.0006

Slope: 0.7447

Regression: 0.999983

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		2.40	0.000	0.000	0.000	04/06/2018	14:40
2	CAL2	0.01	1	100	100		1.76	0.000	0.007	0.007	04/06/2018	14:40
3	CAL3	0.025	1	100	100		2.15	0.000	0.017	0.017	04/06/2018	14:41
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	04/06/2018	14:41
5	CAL5	0.1	1	100	100		1.74	0.000	0.078	0.078	04/06/2018	14:42
6	CAL6	0.5	1	100	100		1.89	0.000	0.373	0.373	04/06/2018	14:42
7	CAL7	1	1	100	100		2.45	0.000	0.745	0.745	04/06/2018	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	0.376	0.376	0.504	04/06/2018	14:43
2	ICB		1	100	100		2.11	0.000	0.000	0.000	-0.001	04/06/2018	14:44
3	CCV1	0.5	1	100	100		2.25	0.000	0.376	0.376	0.504	04/06/2018	14:44
4	CCB1		1	100	100		2.46	0.000	0.000	0.000	-0.001	04/06/2018	14:45
5	LB94452BL		1	100	100		1.66	0.000	0.000	0.000	-0.001	04/06/2018	14:45
6	LB94452BS	0.5	1	100	100		1.72	0.000	0.379	0.379	0.508	04/06/2018	14:46
7	J2268-01		1	100	100		1.92	0.003	0.012	0.009	0.011	04/06/2018	14:46
8	J2268-02		1	100	100		2.35	0.002	0.002	0.000	-0.001	04/06/2018	14:47
9	J2268-02DUP		1	100	100		2.10	0.003	0.003	0.000	-0.001	04/06/2018	14:47
10	J2268-02MS	1	2	100	100		1.66	0.005	0.374	0.369	0.495	04/06/2018	14:48
11	J2268-02MSD	1	2	100	100		2.23	0.006	0.375	0.369	0.495	04/06/2018	14:48
12	CCV2	0.5	1	100	100		2.40	0.000	0.377	0.377	0.505	04/06/2018	14:49
13	CCB2		1	100	100		1.95	0.000	0.000	0.000	-0.001	04/06/2018	14:49

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex040618-2

WorkList ID : 110533

Date : 4/6/2018 1:43:58 PM

28944152

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/07/2018	Water	J2268-01	Hexavalent Chromium	Cool 4 deg C	DIST01	L21	MH-92A	04/06/2018	SM3500-Cr B
04/07/2018	Water	J2268-02	Hexavalent Chromium	Cool 4 deg C	DIST01	L21	MH-33	04/06/2018	SM3500-Cr B

Date/Time 04/06/18 13:55

Received by: 23

Relinquished by: AF

Date/Time 04/06/18 15:08

Received by: 78

Relinquished by: IB