

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98181

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68114
Calibration Std. hexchrome 0.05 ppm	WP68113
Hexavalent Chromium LCS Std	WP68119
Calibratation STD HexaChrome 1 PPM	WP68116
Calibratation STD Hexa Chrome 0.5 PPM	WP68115
calibration std. hexchrome 0.01 ppm	WP68111
calibration std. hexchrome 0 ppm	WP68110
Hexavalent Chromium ICV Std.	WP68118
Hexavalent Chromium CCV Std	WP68117
hexavalent chromium color reagent	WP68026
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68112

Intercept: 0.0002

Slope: 0.7693

Regression: 0.99996

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		1.99	0.000	0.000	0.000	09/26/2018	09:55
2	CAL2	0.01	1	100	100		1.83	0.000	0.007	0.007	09/26/2018	09:55
3	CAL3	0.025	1	100	100		2.45	0.000	0.017	0.017	09/26/2018	09:56
4	CAL4	0.05	1	100	100		2.22	0.000	0.039	0.039	09/26/2018	09:56
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	09/26/2018	09:57
6	CAL6	0.5	1	100	100		1.58	0.000	0.390	0.390	09/26/2018	09:57
7	CAL7	1	1	100	100		2.10	0.000	0.767	0.767	09/26/2018	09:58



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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		1.88	0.000	0.390	0.390	0.507	09/26/2018	09:58
2	ICB		1	100	100		2.07	0.000	0.000	0.000	0.000	09/26/2018	09:59
3	CCV1	0.5	1	100	100		2.30	0.000	0.391	0.391	0.508	09/26/2018	09:59
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.000	09/26/2018	10:00
5	LB98181BL		1	100	100		1.78	0.000	0.000	0.000	0.000	09/26/2018	10:00
6	LB98181BS	0.5	1	100	100		2.05	0.000	0.387	0.387	0.503	09/26/2018	10:01
7	J5083-01		1	100	100		2.43	0.077	0.078	0.001	0.001	09/26/2018	10:01
8	J5083-02		1	100	100		1.80	0.032	0.032	0.000	0.000	09/26/2018	10:02
9	J5083-02DUP		1	100	100		1.76	0.030	0.030	0.000	0.000	09/26/2018	10:02
10	J5083-02MS	1	2	100	100		2.08	0.034	0.382	0.348	0.452	09/26/2018	10:03
11	J5083-02MSD	1	2	100	100		2.49	0.033	0.386	0.353	0.459	09/26/2018	10:03
12	J5083-03		1	100	100		2.13	0.096	0.097	0.001	0.001	09/26/2018	10:04
13	CCV2	0.5	1	100	100		1.90	0.000	0.391	0.391	0.508	09/26/2018	10:04
14	CCB2		1	100	100		1.54	0.000	0.000	0.000	0.000	09/26/2018	10:05

LB 98181

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 092618Hex

WorkList ID : 117266

Date : 9/26/2018 9:38:12 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/26/2018	Water	J5083-01	Hexavalent Chromium	Cool 4 deg C	ENVI77	M63	TKA-092518	09/25/2018	7196A
09/26/2018	Water	J5083-02	Hexavalent Chromium	Cool 4 deg C	ENVI77	M63	TKC-092518	09/25/2018	7196A
09/26/2018	Water	J5083-03	Hexavalent Chromium	Cool 4 deg C	ENVI77	M63	TKB-092518	09/25/2018	7196A

Date/Time

Received by:

Relinquished by:

09/26/18 9:50

IB

18

Date/Time

Received by:

Relinquished by:

09/26/18 10:25

18