

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107522

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81790
Calibration STD Hexa Chrome 0.5 PPM	WP81791
Calibration Std. hexchrome 0.1 ppm	WP81792
Calibration Std. hexchrome 0.05 ppm	WP81793
calibration std. hexchrome 0.01 ppm	WP81794
calibration std. hexchrome 0 ppm	WP81795
Hexavalent Chromium ICV Std.	WP81796
Hexavalent Chromium CCV Std	WP81797
Hexavalent Chromium LCS Std	WP81798
hexavalent chromium color reagent	WP81623
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP81799

Intercept: -0.0009

Slope: 0.8001

Regression: 0.999996

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		2.04	0.000	0.000	0.000	02/04/2020	09:50
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	02/04/2020	09:51
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	02/04/2020	09:52
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	02/04/2020	09:53
5	CAL5	0.1	1	100	100		2.06	0.000	0.078	0.078	02/04/2020	09:54
6	CAL6	0.5	1	100	100		2.07	0.000	0.400	0.400	02/04/2020	09:55
7	CAL7	1	1	100	100		2.08	0.000	0.799	0.799	02/04/2020	09:56

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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		2.06	0.000	0.387	0.387	0.485	02/04/2020	09:57
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.001	02/04/2020	09:58
3	CCV1	0.5	1	100	100		2.04	0.000	0.389	0.389	0.487	02/04/2020	09:59
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	02/04/2020	10:02
5	LB107522BL		1	100	100		2.06	0.000	0.000	0.000	0.001	02/04/2020	10:03
6	LB107522BS	0.5	1	100	100		2.07	0.000	0.402	0.402	0.504	02/04/2020	10:04
7	L1377-01		1	100	100		2.08	0.003	0.003	0.000	0.001	02/04/2020	10:05
8	L1377-01DUP		1	100	100		2.06	0.004	0.004	0.000	0.001	02/04/2020	10:06
9	L1377-02	1	2	100	100		2.08	0.003	0.412	0.409	0.512	02/04/2020	10:07
10	L1377-03	1	2	100	100		2.04	0.004	0.410	0.406	0.509	02/04/2020	10:08
11	L1377-04		1	100	100		2.09	0.002	0.002	0.000	0.001	02/04/2020	10:09
12	L1377-05		1	100	100		2.03	0.007	0.007	0.000	0.001	02/04/2020	10:10
13	CCV2	0.5	1	100	100		2.04	0.000	0.381	0.381	0.477	02/04/2020	10:11
14	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.001	02/04/2020	10:12

WORKLIST(Hardcopy Internal Chain)

LB 107522

WorkList Name : HEX2420-1 WorkList ID : 135686 Department : Wet-Chemistry Date : 02-04-2020 09:11:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/04/2020	Water	L1377-01	Hexavalent Chromium	Cool 4 deg C	CDMS01	L21	BW-2	02/03/2020	7196A
02/04/2020	Water	L1377-02	Hexavalent Chromium	Cool 4 deg C	CDMS01	L21	L1377-01MS	02/03/2020	7196A
02/04/2020	Water	L1377-03	Hexavalent Chromium	Cool 4 deg C	CDMS01	L21	L1377-01MSD	02/03/2020	7196A
02/04/2020	Water	L1377-04	Hexavalent Chromium	Cool 4 deg C	CDMS01	L21	FB-02032020	02/03/2020	7196A
02/04/2020	Water	L1377-05	Hexavalent Chromium	Cool 4 deg C	CDMS01	L21	BW-209	02/03/2020	7196A

Date/Time 02/04/20 09:25
 Received by: KS
 Relinquished by: JS

Date/Time 02/04/20 10:15
 Received by: JS
 Relinquished by: KS