

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108901

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83829
Calibration Std. hexchrome 0.05 ppm	WP83830
calibration std. hexchrome 0.01 ppm	WP83831
calibration std. hexchrome 0 ppm	WP83832
hexavalent chromium color reagent	WP83777
0.2N SULFURIC ACID	WP79785
HEX LOD STD, 0.005PPM	WP83836
Hex LOQ Std, 0.01PPM	WP83837
Calibration Std Hexachrome 0.025 ppm	WP83835
Hexavalent Chromium ICV-LCS Std	WP83833
Calibration and CCV std HexChrome 0.5PPM	WP83834
Calibration std HexChrome 1.0PPM	WP83827

Intercept: 0.0007

Slope: 0.7824

Regression: 0.999912

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	04/28/2020	13:20
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	04/28/2020	13:21
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	04/28/2020	13:22
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	04/28/2020	13:23
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	04/28/2020	13:24
6	CAL6	0.5	1	100	100		2.05	0.000	0.400	0.400	04/28/2020	13:25
7	CAL7	1	1	100	100		2.07	0.000	0.779	0.779	04/28/2020	13:26



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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		2.07	0.000	0.412	0.412	0.526	04/28/2020	13:27
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	04/28/2020	13:28
3	CCV1	0.5	1	100	100		2.06	0.000	0.398	0.398	0.508	04/28/2020	13:29
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	04/28/2020	13:30
5	lb108901BL		1	100	100		2.03	0.000	0.000	0.000	-0.001	04/28/2020	13:31
6	lb108901BS	0.5	1	100	100		2.02	0.000	0.408	0.408	0.521	04/28/2020	13:32
7	L2182-10		1	100	100		2.06	0.000	0.005	0.005	0.005	04/28/2020	13:33
8	L2182-11		1	100	100		2.04	0.000	0.008	0.008	0.009	04/28/2020	13:34
9	L2430-01		1	100	100		2.05	0.001	0.001	0.000	-0.001	04/28/2020	13:35
10	L2430-01DUP		1	100	100		2.08	0.001	0.001	0.000	-0.001	04/28/2020	13:36
11	L2430-01MS	1	2	100	100		2.07	0.001	0.417	0.416	0.531	04/28/2020	13:37
12	L2430-01MSD	1	2	100	100		2.05	0.001	0.416	0.415	0.530	04/28/2020	13:38
13	CCV2	0.5	1	100	100		2.04	0.000	0.402	0.402	0.513	04/28/2020	13:39
14	CCB2		1	100	100		2.06	0.000	0.000	0.000	-0.001	04/28/2020	13:40

WORKLIST(Hardcopy Internal Chain)

LB108901

WorkList Name : hex42820

WorkList ID : 138262

Department : Wet-Chemistry

Date : 04-28-2020 12:55:30

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/08/2020	Water	L2182-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT2-20	04/07/2020	SM3500-Cr B
04/08/2020	Water	L2182-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT2-2020	04/07/2020	SM3500-Cr B
04/29/2020	Water	L2430-01	Hexavalent Chromium	Cool 4 deg C	DIST01		37-ST-2020	04/28/2020	SM3500-Cr B

Date/Time 04/28/20 13:00
 Received by: KS
 Relinquished by: dh

Date/Time 04/28/20 13:45
 Received by: dh
 Relinquished by: KS