

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111388

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87352
Calibration Std. hexchrome 0.05 ppm	WP87353
calibration std. hexchrome 0.01 ppm	WP87354
calibration std. hexchrome 0 ppm	WP87356
hexavalent chromium color reagent	WP87250
0.2N SULFURIC ACID	WP84587
HEX LOD STD, 0.005PPM	WP87358
Calibration Std Hexachrome 0.025 ppm	WP87355
Hexavalent Chromium ICV-LCS Std	WP87357
Calibration and CCV std HexChrome 0.5PPM	WP87351
Calibration std HexChrome 1.0PPM	WP87350

Intercept: 0.0007

Slope: 0.7827

Regression: 0.999896

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	10/08/2020	17:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/08/2020	17:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	10/08/2020	17:07
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	10/08/2020	17:08
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	10/08/2020	17:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.401	0.401	10/08/2020	17:10
7	CAL7	1	1	100	100		2.07	0.000	0.779	0.779	10/08/2020	17:11

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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		2.05	0.000	0.412	0.412	0.525	10/08/2020	17:12
2	ICB		1	100	100		2.08	0.000	0.000	0.000	-0.001	10/08/2020	17:13
3	CCV1	0.5	1	100	100		2.07	0.000	0.398	0.398	0.508	10/08/2020	17:14
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	10/08/2020	17:15
5	LB111388BL		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/08/2020	17:16
6	LB111388BS	0.5	1	100	100		2.04	0.000	0.410	0.410	0.523	10/08/2020	17:17
7	L4214-12		1	100	100		2.06	0.000	0.005	0.005	0.005	10/08/2020	17:18
8	L4327-07		1	100	100		2.07	0.002	0.002	0.000	-0.001	10/08/2020	17:19
9	L4327-07DUP		1	100	100		2.08	0.001	0.002	0.001	0.000	10/08/2020	17:20
10	L4327-07MS	1	2	100	100		2.09	0.000	0.414	0.414	0.528	10/08/2020	17:21
11	L4327-07MSD	1	2	100	100		2.07	0.001	0.415	0.414	0.528	10/08/2020	17:22
12	CCV2	0.5	1	100	100		2.04	0.000	0.400	0.400	0.510	10/08/2020	17:23
13	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	10/08/2020	17:24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX10820-1 WorkList ID : 143103 Department : Wet-Chemistry Date : 10-08-2020 14:00:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/02/2020	Water	L4214-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT4-2020	10/01/2020	SM3500-Cr B
10/09/2020	Water	L4327-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	O51	14B-(1-4)-COMP	10/08/2020	SM3500-Cr B

LB 111388

Date/Time 10/8/2020 16:30
 Received by: KS (Wetchem)
 Relinquished by: JH (Wetchem)

Date/Time 10/8/2020 17:30
 Received by: JH (Wetchem)
 Relinquished by: KS (Wetchem)