

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107299

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81398
Calibratation STD Hexa Chrome 0.5 PPM	WP81399
Calibration Std. hexchrome 0.1 ppm	WP81406
Calibration Std. hexchrome 0.05 ppm	WP81405
calibration std. hexchrome 0.01 ppm	WP81404
calibration std. hexchrome 0 ppm	WP81402
Hexavalent Chromium ICV Std.	WP81408
Hexavalent Chromium CCV Std	WP81407
Hexavalent Chromium LCS Std	WP81409
hexavalent chromium color reagent	WP81390
0.2N SULFURIC ACID	WP79785
Calibration std Hexachrome, 0.025ppm	

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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	01/22/2020	12:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	01/22/2020	12:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	01/22/2020	12:07
4	CAL4	0.05	1	100	100		2.02	0.000	0.039	0.039	01/22/2020	12:08
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	01/22/2020	12:09
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	01/22/2020	12:10
7	CAL7	1	1	100	100		2.06	0.000	0.800	0.800	01/22/2020	12:11

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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		2.03	0.000	0.378	0.378	0.473	01/22/2020	12:12
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	01/22/2020	12:13
3	CCV1	0.5	1	100	100		2.06	0.000	0.382	0.382	0.478	01/22/2020	17:05
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	01/22/2020	17:05
5	LB107299BL		1	100	100		2.07	0.000	0.000	0.000	0.000	01/22/2020	17:06
6	LB107299BS	0.5	1	100	100		2.09	0.000	0.396	0.396	0.495	01/22/2020	17:06
7	L1233-01		1	100	100		2.03	0.002	0.002	0.000	0.000	01/22/2020	17:07
8	L1233-01DUP		1	100	100		2.01	0.003	0.003	0.000	0.000	01/22/2020	17:07
9	L1233-01MS	1	2	100	100		2.08	0.003	0.368	0.365	0.457	01/22/2020	17:08
10	L1233-01MSD	1	2	100	100		2.07	0.003	0.370	0.367	0.459	01/22/2020	17:08
11	CCV2	0.5	1	100	100		2.06	0.000	0.384	0.384	0.480	01/22/2020	17:09
12	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	01/22/2020	17:10

WORKLIST(Hardcopy Internal Chain)

LB107299

WorkList Name : HEX12220-2 WorkList ID : 135270 Department : Wet-Chemistry Date : 01-22-2020 16:45:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/23/2020	Water	L1233-01 A	Hexavalent Chromium	Cool 4 deg C	DIST01	I51	55-ST-25	01/22/2020	SM3500-Cr B

Date/Time 01/22/20 16:50
 Received by: KS
 Relinquished by: 50

Date/Time 01/22/20 17:15
 Received by: 50
 Relinquished by: KS