

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107183

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81221
Calibratation STD Hexa Chrome 0.5 PPM	WP81222
Calibration Std. hexchrome 0.1 ppm	WP81227
Calibration Std. hexchrome 0.05 ppm	WP81226
calibration std. hexchrome 0.01 ppm	WP81225
calibration std. hexchrome 0 ppm	WP81224
Hexavalent Chromium ICV Std.	WP81229
Hexavalent Chromium CCV Std	WP81228
Hexavalent Chromium LCS Std	WP81230
hexavalent chromium color reagent	WP81194
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		2.05	0.000	0.000	0.000	01/15/2020	16:45
2	CAL2	0.01	1	100	100		2.07	0.000	0.008	0.008	01/15/2020	16:46
3	CAL3	0.025	1	100	100		1.98	0.000	0.020	0.020	01/15/2020	16:47
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	01/15/2020	16:48
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	01/15/2020	16:49
6	CAL6	0.5	1	100	100		2.01	0.000	0.399	0.399	01/15/2020	16:50
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	01/15/2020	16:51



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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		2.04	0.000	0.386	0.386	0.483	01/15/2020	16:52
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	01/15/2020	16:53
3	CCV1	0.5	1	100	100		1.98	0.000	0.382	0.382	0.478	01/15/2020	16:54
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	01/15/2020	16:55
5	lb107183BL		1	100	100		2.04	0.000	0.000	0.000	0.000	01/15/2020	16:56
6	lb107183BS	0.5	1	100	100		2.09	0.001	0.386	0.385	0.482	01/15/2020	16:57
7	L1142-02		1	100	100		2.07	0.001	0.001	0.000	0.000	01/15/2020	16:58
8	L1142-02DUP		1	100	100		2.05	0.001	0.002	0.001	0.002	01/15/2020	16:59
9	L1142-02MS	1	2	100	100		2.08	0.001	0.394	0.393	0.492	01/15/2020	17:00
10	L1142-02MSD	1	2	100	100		2.07	0.001	0.393	0.392	0.490	01/15/2020	17:01
11	CCV2	0.5	1	100	100		2.05	0.000	0.381	0.381	0.477	01/15/2020	17:02
12	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	01/15/2020	17:03

WORKLIST(Hardcopy Internal Chain)

LB 107183

WorkList Name : hex11520 WorkList ID : 135061 Department : Wet-Chemistry Date : 01-15-2020 15:50:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/16/2020	Water	L1142-02	Hexavalent Chromium	Cool 4 deg C	ATCE02	I31	WS-1	01/15/2020	SM3500-Cr B

Date/Time 01/15/20 16:15
 Received by: KS
 Relinquished by: AS

Date/Time 01/15/20 17:05
 Received by: AS
 Relinquished by: KS