

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107346

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81478
Calibratation STD Hexa Chrome 0.5 PPM	WP81479
Calibration Std. hexchrome 0.1 ppm	WP81480
Calibration Std. hexchrome 0.05 ppm	WP81481
calibration std. hexchrome 0.01 ppm	WP81482
calibration std. hexchrome 0 ppm	WP81483
Hexavalent Chromium ICV Std.	WP81484
Hexavalent Chromium CCV Std	WP81485
Hexavalent Chromium LCS Std	WP81487
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	01/24/2020	13:35
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	01/24/2020	13:36
3	CAL3	0.025	1	100	100		2.04	0.000	0.020	0.020	01/24/2020	13:37
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	01/24/2020	13:38
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	01/24/2020	13:39
6	CAL6	0.5	1	100	100		2.07	0.000	0.399	0.399	01/24/2020	13:40
7	CAL7	1	1	100	100		2.03	0.000	0.800	0.800	01/24/2020	13:41



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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		2.02	0.000	0.379	0.379	0.474	01/24/2020	13:42
2	ICB		1	100	100		2.07	0.000	0.000	0.000	0.000	01/24/2020	13:43
3	CCV1	0.5	1	100	100		2.06	0.000	0.381	0.381	0.477	01/24/2020	13:45
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	01/24/2020	13:46
5	lb107346BL		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	13:47
6	lb107346BS	0.5	1	100	100		2.06	0.000	0.379	0.379	0.474	01/24/2020	13:48
7	L1256-01		1	100	100		2.04	0.003	0.003	0.000	0.000	01/24/2020	13:49
8	L1256-01DUP		1	100	100		2.06	0.004	0.004	0.000	0.000	01/24/2020	13:50
9	L1256-01MS	1	2	100	100		2.05	0.003	0.425	0.422	0.528	01/24/2020	13:51
10	L1256-01MSD	1	2	100	100		2.04	0.003	0.424	0.421	0.527	01/24/2020	13:52
11	CCV2	0.5	1	100	100		2.03	0.000	0.386	0.386	0.483	01/24/2020	13:53
12	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	13:54

WORKLIST(Hardcopy Internal Chain)

LB107346

WorkList Name : hex12420-2 WorkList ID : 135360 Department : Wet-Chemistry Date : 01-24-2020 11:39:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/25/2020	Water	L1256-01	Hexavalent Chromium	Cool 4 deg C	DIST01	J11	TANK-1	01/24/2020	SM3500-Cr B

Date/Time 01/24/20 13:15
 Received by: KS
 Relinquished by: KS

Date/Time 01/24/20 14:02
 Received by: KS
 Relinquished by: KS