

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107347

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81478
Calibration 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
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

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		2.05	0.000	0.384	0.384	0.480	01/24/2020	17:15
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	17:15
5	lb107347BL		1	100	100		2.06	0.000	0.000	0.000	0.000	01/24/2020	17:16
6	lb107347BS	0.5	1	100	100		2.04	0.000	0.378	0.378	0.473	01/24/2020	17:16
7	L1255-02		1	100	100		2.03	0.001	0.001	0.000	0.000	01/24/2020	17:17
8	L1255-02DUP		1	100	100		2.05	0.001	0.001	0.000	0.000	01/24/2020	17:18
9	L1255-02MS	1	2	100	100		2.09	0.001	0.385	0.384	0.480	01/24/2020	17:19
10	L1255-02MSD	1	2	100	100		2.07	0.001	0.387	0.386	0.483	01/24/2020	17:19
11	L1255-03		1	100	100		2.04	0.004	0.004	0.000	0.000	01/24/2020	17:20
12	CCV2	0.5	1	100	100		2.06	0.000	0.389	0.389	0.487	01/24/2020	17:20
13	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	01/24/2020	17:21

WORKLIST(Hardcopy Internal Chain)

LB 107347

WorkList Name : hex12420-3 WorkList ID : 135383 Department : Wet-Chemistry Date : 01-24-2020 17:06:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/23/2020	Water	L1255-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	I61	20200072-FIELD-BLANK	01/22/2020	7196A
01/23/2020	Water	L1255-03	Hexavalent Chromium	Cool 4 deg C	AQUA04	I61	20200073-SITE-WATER	01/22/2020	7196A

Date/Time 01/24/20 17:10
 Received by: KS
 Relinquished by: DK

Date/Time 01/24/20 17:25
 Received by: DK
 Relinquished by: KS