

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107952

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP82457
Calibration STD Hexa Chrome 0.5 PPM	WP82458
Calibration Std. hexchrome 0.1 ppm	WP82459
Calibration Std. hexchrome 0.05 ppm	WP82460
calibration std. hexchrome 0.01 ppm	WP82461
calibration std. hexchrome 0 ppm	WP82462
Hexavalent Chromium CCV Std	WP82464
hexavalent chromium color reagent	WP82335
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82465
Hexavalent Chromium ICV-LCS Std	WP82463

Intercept: 0.0008

Slope: 0.7503

Regression: 0.999969

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		2.06	0.000	0.000	0.000	02/25/2020	09:45
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	02/25/2020	09:46
3	CAL3	0.025	1	100	100		2.04	0.000	0.019	0.019	02/25/2020	09:47
4	CAL4	0.05	1	100	100		2.05	0.000	0.037	0.037	02/25/2020	09:48
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	02/25/2020	09:49
6	CAL6	0.5	1	100	100		2.09	0.000	0.380	0.380	02/25/2020	09:50
7	CAL7	1	1	100	100		2.07	0.000	0.749	0.749	02/25/2020	09:51

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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		2.07	0.000	0.391	0.391	0.520	02/25/2020	09:52
2	ICB		1	100	100		1.98	0.000	0.000	0.000	-0.001	02/25/2020	09:53
3	CCV1	0.5	1	100	100		2.05	0.000	0.390	0.390	0.519	02/25/2020	09:54
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	02/25/2020	09:55
5	lb107952BL		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/25/2020	09:56
6	lb107952BS	0.5	1	100	100		2.04	0.000	0.406	0.406	0.540	02/25/2020	09:57
7	L1674-01		1	100	100		2.02	0.000	0.000	0.000	-0.001	02/25/2020	09:58
8	L1674-01DUP		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/25/2020	09:59
9	L1674-01MS	1	2	100	100		2.04	0.000	0.415	0.415	0.552	02/25/2020	10:01
10	L1674-01MSD	1	2	100	100		2.06	0.000	0.414	0.414	0.551	02/25/2020	10:02
11	CCV2	0.5	1	100	100		2.08	0.000	0.393	0.393	0.523	02/25/2020	10:03
12	CCB2		1	100	100		2.09	0.000	0.000	0.000	-0.001	02/25/2020	10:04

WORKLIST(Hardcopy Internal Chain)

LB 107952

WorkList Name : hex22520 WorkList ID : 136452 Department : Wet-Chemistry Date : 02-25-2020 09:21:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/25/2020	Water	L1674-01	Hexavalent Chromium	Cool 4 deg C	ROYF02	P11	P002-RB-200224-03	02/24/2020	7196A

Date/Time 02/25/20 09:25
 Received by: KS
 Relinquished by: DA

Date/Time 02/25/20 10:10
 Received by: DA
 Relinquished by: KS