

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110155

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85754
Calibration Std. hexchrome 0.05 ppm	WP85755
calibration std. hexchrome 0.01 ppm	WP85756
calibration std. hexchrome 0 ppm	WP85757
hexavalent chromium color reagent	WP85687
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85759
Hexavalent Chromium ICV-LCS Std	WP85758
Calibration and CCV std HexChrome 0.5PPM	WP85752
Calibration std HexChrome 1.0PPM	WP85753

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	07/23/2020	09:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	07/23/2020	09:46
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	07/23/2020	09:47
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	07/23/2020	09:48
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	07/23/2020	09:49
6	CAL6	0.5	1	100	100		2.08	0.000	0.399	0.399	07/23/2020	09:50
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	07/23/2020	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		2.04	0.000	0.386	0.386	0.483	07/23/2020	09:52
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	07/23/2020	09:53
3	CCV1	0.5	1	100	100		2.03	0.000	0.380	0.380	0.475	07/23/2020	09:54
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	07/23/2020	09:55
5	lb110155BL		1	100	100		2.05	0.000	0.000	0.000	0.000	07/23/2020	09:56
6	lb110155BS	0.5	1	100	100		2.08	0.000	0.444	0.444	0.555	07/23/2020	09:57
7	L3405-01		1	100	100		2.02	0.003	0.003	0.000	0.000	07/23/2020	09:58
8	L3405-01DUP		1	100	100		2.03	0.002	0.003	0.001	0.002	07/23/2020	09:59
9	L3405-01MS	1	2	100	100		2.08	0.003	0.429	0.426	0.533	07/23/2020	10:00
10	L3405-01MSD	1	2	100	100		2.07	0.003	0.428	0.425	0.532	07/23/2020	10:01
11	L3405-02		1	100	100		2.09	0.002	0.002	0.000	0.000	07/23/2020	10:02
12	CCV2	0.5	1	100	100		2.08	0.000	0.382	0.382	0.478	07/23/2020	10:03
13	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	07/23/2020	10:04

WORKLIST(Hardcopy Internal Chain)

LB110155

WorkList Name : hex72320-1 WorkList ID : 140722 Department : Wet-Chemistry Date : 07-23-2020 08:50:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/23/2020	Water	L3405-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	H63	20200437-MODIFIED-ELUTRI	07/22/2020	7196A
07/23/2020	Water	L3405-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	H63	20200437-MODIFIED-ELUTRI	07/22/2020	7196A

Date/Time 07/23/2020 08:55
 Received by: KS (wet-chem)
 Relinquished by: JD (wet-chem)

Date/Time 07/23/2020 10:10
 Received by: JD (wet-chem)
 Relinquished by: KS (wet-chem)