

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109116

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP84196
Calibration Std. hexchrome 0.05 ppm	WP84197
calibration std. hexchrome 0.01 ppm	WP84198
calibration std. hexchrome 0 ppm	WP84199
hexavalent chromium color reagent	WP84202
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP84201
Hexavalent Chromium ICV-LCS Std	WP84200
Calibration and CCV std HexChrome 0.5PPM	WP84195
Calibration std HexChrome 1.0PPM	WP84194

Intercept: -0.0008

Slope: 0.7981

Regression: 0.999994

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		2.07	0.000	0.000	0.000	05/12/2020	12:05
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	05/12/2020	12:06
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	05/12/2020	12:07
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	05/12/2020	12:08
5	CAL5	0.1	1	100	100		2.02	0.000	0.078	0.078	05/12/2020	12:09
6	CAL6	0.5	1	100	100		2.06	0.000	0.397	0.397	05/12/2020	12:10
7	CAL7	1	1	100	100		2.07	0.000	0.798	0.798	05/12/2020	12:11

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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	0.381	0.381	0.478	05/12/2020	12:12
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.001	05/12/2020	12:13
3	CCV1	0.5	1	100	100		2.02	0.000	0.389	0.389	0.488	05/12/2020	13:23
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.001	05/12/2020	13:24
5	lb109116BL		1	100	100		2.04	0.000	0.000	0.000	0.001	05/12/2020	13:25
6	lb109116BS	0.5	1	100	100		2.06	0.000	0.432	0.432	0.542	05/12/2020	13:26
7	L2592-01		1	100	100		2.07	0.000	0.000	0.000	0.001	05/12/2020	13:27
8	L2592-01DUP		1	100	100		2.08	0.000	0.000	0.000	0.001	05/12/2020	13:28
9	L2592-01MS	1	2	100	100		2.05	0.000	0.439	0.439	0.551	05/12/2020	13:29
10	L2592-01MSD	1	2	100	100		2.04	0.000	0.438	0.438	0.550	05/12/2020	13:30
11	L2596-04		1	100	100		2.03	0.002	0.002	0.000	0.001	05/12/2020	13:31
12	L2596-05		1	100	100		2.09	0.001	0.001	0.000	0.001	05/12/2020	13:32
13	L2596-06		1	100	100		2.07	0.002	0.002	0.000	0.001	05/12/2020	13:33
14	CCV2	0.5	1	100	100		2.08	0.000	0.399	0.399	0.501	05/12/2020	13:34
15	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	05/12/2020	13:35

WORKLIST(Hardcopy Internal Chain)

LB 109116

WorkList Name : hex51220-1 WorkList ID : 138650 Department : Wet-Chemistry Date : 05-12-2020 08:28:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/08/2020	Water	L2592-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	L41	0361-FIELD-BLANK	05/07/2020	7196A
05/12/2020	Water	L2596-04	Hexavalent Chromium	Cool 4 deg C	ENTA05	M21	R-1F	05/11/2020	7196A
05/12/2020	Water	L2596-05	Hexavalent Chromium	Cool 4 deg C	ENTA05	M21	E-1F	05/11/2020	7196A
05/12/2020	Water	L2596-06	Hexavalent Chromium	Cool 4 deg C	ENTA05	M21	D-1F	05/11/2020	7196A

Date/Time 05/12/20 13:40
 Received by: KS
 Relinquished by: JP

Date/Time 05/12/20 13:40
 Received by: JP
 Relinquished by: KS