

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109159

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP84252
Calibration Std. hexchrome 0.05 ppm	WP84253
calibration std. hexchrome 0.01 ppm	WP84254
calibration std. hexchrome 0 ppm	WP84255
hexavalent chromium color reagent	WP84202
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP84257
Hexavalent Chromium ICV-LCS Std	WP84256
Calibration and CCV std HexChrome 0.5PPM	WP84251
Calibration std HexChrome 1.0PPM	WP84250

Intercept: -0.0003

Slope: 0.7971

Regression: 0.999999

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	05/14/2020	16:50
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	05/14/2020	16:51
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	05/14/2020	16:52
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	05/14/2020	16:53
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	05/14/2020	16:54
6	CAL6	0.5	1	100	100		2.05	0.000	0.398	0.398	05/14/2020	16:55
7	CAL7	1	1	100	100		2.06	0.000	0.797	0.797	05/14/2020	16:56

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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	0.383	0.383	0.481	05/14/2020	16:57
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	05/14/2020	16:58
3	CCV1	0.5	1	100	100		2.05	0.000	0.380	0.380	0.477	05/14/2020	17:00
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	05/14/2020	17:02
5	LB109159BL		1	100	100		2.04	0.000	0.000	0.000	0.000	05/14/2020	17:03
6	LB109159BS	0.5	1	100	100		2.03	0.000	0.414	0.414	0.520	05/14/2020	17:04
7	L2665-04		1	100	100		2.01	0.000	0.001	0.001	0.002	05/14/2020	17:05
8	L2665-04DUP		1	100	100		2.04	0.000	0.000	0.000	0.000	05/14/2020	17:06
9	L2665-04MS	1	2	100	100		2.07	0.000	0.409	0.409	0.513	05/14/2020	17:07
10	L2665-04MSD	1	2	100	100		2.08	0.000	0.408	0.408	0.512	05/14/2020	17:08
11	CCV2	0.5	1	100	100		2.09	0.000	0.379	0.379	0.476	05/14/2020	17:09
12	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	05/14/2020	17:10

LB109159

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX51420-1

WorkList ID : 138744

Department : Wet-Chemistry

Date : 05-14-2020 16:01:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/14/2020	Water	L2665-04	Hexavalent Chromium	Cool 4 deg C	AQUA04	M51	0373-FIELD-BLANK	05/13/2020	7196A

Date/Time 05/14/20 16:30
Received by: KS
Relinquished by: JP

Date/Time 05/14/20 17:15
Received by: JP
Relinquished by: KS