

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104403

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77006
Calibratation STD Hexa Chrome 0.5 PPM	WP77007
Calibration Std. hexchrome 0.1 ppm	WP77008
Calibration Std. hexchrome 0.05 ppm	WP77009
calibration std. hexchrome 0.01 ppm	WP77010
calibration std. hexchrome 0 ppm	WP77011
Hexavalent Chromium ICV Std.	WP77012
Hexavalent Chromium CCV Std	WP77013
Hexavalent Chromium LCS Std	WP77014
hexavalent chromium color reagent	WP77016
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77015

Intercept: 0.0003

Slope: 0.8016

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		2.10	0.000	0.000	0.000	08/02/2019	12:30
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	08/02/2019	12:31
3	CAL3	0.025	1	100	100		1.65	0.000	0.021	0.021	08/02/2019	12:32
4	CAL4	0.05	1	100	100		2.05	0.000	0.041	0.041	08/02/2019	12:33
5	CAL5	0.1	1	100	100		1.65	0.000	0.080	0.080	08/02/2019	12:34
6	CAL6	0.5	1	100	100		1.56	0.000	0.401	0.401	08/02/2019	12:35
7	CAL7	1	1	100	100		2.01	0.000	0.802	0.802	08/02/2019	12:36

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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		2.10	0.000	0.409	0.409	0.510	08/02/2019	12:40
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	08/02/2019	12:41
3	CCV1	0.5	1	100	100		2.05	0.000	0.401	0.401	0.500	08/02/2019	12:42
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	0.000	08/02/2019	12:43
5	LB104403BL		1	100	100		1.60	0.000	0.000	0.000	0.000	08/02/2019	12:44
6	LB104403BS	0.5	1	100	100		1.65	0.000	0.372	0.372	0.464	08/02/2019	12:45
7	K4148-01		1	100	100		1.56	0.001	0.001	0.000	0.000	08/02/2019	12:46
8	K4148-02		1	100	100		1.61	0.004	0.004	0.000	0.000	08/02/2019	12:47
9	K4148-02DUP		1	100	100		2.05	0.004	0.004	0.000	0.000	08/02/2019	12:48
10	K4148-02MS	1	2	100	100		1.66	0.004	0.403	0.399	0.497	08/02/2019	12:49
11	K4148-02MSD	1	2	100	100		2.01	0.004	0.402	0.398	0.496	08/02/2019	12:50
12	CCV2	0.5	1	100	100		1.56	0.000	0.399	0.399	0.497	08/02/2019	12:51
13	CCB2		1	100	100		1.66	0.000	0.000	0.000	0.000	08/02/2019	12:52

LB104403

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX080219-W WorkList ID : 129347 Department : Wet-Chemistry Date : 08-02-2019 12:10:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/30/2019	Water	K4148-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	20190598-FIELD-BLANK	07/29/2019	7196A
07/30/2019	Water	K4148-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	20190599-SITE-WATER	07/29/2019	7196A

Date/Time 08/21/19
Received by: CT
Relinquished by: XS

Date/Time 08/21/19
Received by: XS
Relinquished by: CT